

# T&R MANUAL, MATC

## CHAPTER 2

### TACTICAL AIR COMMAND CENTER ENLISTED OPERATOR (TACCEO) (7234, 7242, 7236)

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CHAPTER 2

TACTICAL AIR COMMAND CENTER ENLISTED OPERATOR (TACCEO)  
(7234, 7242, 7236)

200. INTRODUCTION

1. The purpose of the Marine Aviation Training and Readiness (T&R) program is to provide the commander with standardized programs of instruction for all aviation personnel. The goal is to develop unit warfighting capabilities, not to measure the proficiency of individuals. Syllabi are based on specific performance standards designed to ensure proficiency in core competencies. An effective T&R program is the first step in providing the MAGTF Commander with an Aviation Combat Element (ACE) capable of accomplishing any and all of its stated missions. The T&R program provides the fundamental tools for commanders to build and maintain unit combat readiness. Using these tools, unit training managers can construct and execute an effective training plan which supports the unit's mission essential tasks.

2. Unit training management is the application of the Marine Corps Training Principles and the Systems Approach to Training to satisfy the training requirements of commanders at all levels in order to accomplish their wartime mission. Guidance concerning unit training management and the process for establishing effective unit training management programs are contained in MCRP 3-0A, *Unit Training Management Guide*, and form the basis for the development of this T&R Manual. Familiarity with MCRP 3-0A will enhance your understanding of the Systems Approach to Training used in T&R development and Marine Corps UTM principles.

3. The Unit T&R and the Individual T&R programs are inextricably linked. The events contained within the T&R syllabus provide the basis of individual and collective skills that enable units to satisfy the requirements.

201. CORE COMPETENCIES/SKILLS

1. Core competency serves as the foundation of the T&R program. Core competencies are those core capabilities and skills which support the Mission Essential Tasks (METL) derived from T/O mission statements, which are realistically expected to be assigned in combat.

2. Mission. Function as the senior MAGTF air command and control agency and serve as the operational command post for the ACE commander and his battle staff.

3. Mission Essential Task List

a. Develop, disseminate, and manage the execution of the Marine component Air Tasking Order (ATO).

b. Produce and disseminate aviation tailored, all source intelligence and CI required for decision-making during the planning and execution of Air Operations.

c. Maintain and disseminate information on the friendly situation, including the aviation and ground combat information essential to the air effort.

d. Plan and coordinate the employment of ACE communications electronics information networks and means.

e. Plan, coordinate, and manage employment of all aircraft and surface-to-air weapons, agencies, and sensors within, or in support of the assigned area of operations.

f. Establish and disseminate air defense warning conditions, weapons control status, and states of alert to all major elements of the MAGTF/joint/combined force.

g. Plan and coordinate air operations between the MACCS and command and control agencies external to the MAGTF, to include joint/combined/host nation agencies.

h. Develop and promulgate Air Operations Plans and Orders.

i. Plan and supervise airspace coordination.

j. Analyze and evaluate the results of air operations.

k. Provide pertinent emission control information within the area of operations.

l. Coordinate information flow to facilitate efficient planning and execution of aviation operations.

m. Support expeditionary operations.

n. Conduct combat operations in an NBC environment.

o. Plan, coordinate, and direct personnel recovery operations as the Marine component Rescue Coordination Center.

#### 4. TACC Core Capabilities

a. Current Operations Section. A core capable TACC Current Operations Section (COS) is capable of performing the functions of command and direction, interface coordination, close/deep battle coordination, air defense coordination, and combat information processing and dissemination. A minimum of two core capable COS crews are required to sustain and perform those functions during contingency/combat operations, assuming that all crew positions are manned and supporting MOS's are at 80%. Sufficient TADIL, voice, tactical data networks, intelligence systems, or ATO subsystem capability exists to support operational requirements. If all crew positions are not filled, those critical functions performed by that position will be degraded. The notional COS core capable crew of the baseline TACC consists of 60 personnel as depicted in table 2-1. This baseline organization is scaleable to meet operational requirements. Responsibility for training

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crewmembers is delineated in MCO P3500.14, Aviation T&R Manual, Administrative.

Table 2-1.--Notional Current Operations Section.

Current Ops Section	Ground Watch Section	Intel Watch Section	COS Command Cell	COS Close Battle Cell	COS Deep Battle Cell	COS Air Defense Cell	COS Airspace Control Cell	COS Analysis Cell	COS SAR Cell	ACE Watch Section	C2 Systems Watch Section	Interface Coord/TDC Cell
Current Ops Officer	Ground Watch Officer	Intel Watch Officer	Senior Watch Officer	Close Battle Coord	Deep Battle Coord	Air Defense Coord	Airspace Control Officer (2)	Close Battle Analyst (3)	SAR Coord Officer (2)	Comm Watch Officer	C2 Systems Watch Officer	Interface Coord Officer
Asst. Current Ops Officer	Fire Support Officer	Intel Watch Chief	Senior Air Coord	Fixed Wing Tasker (2/1)	Fixed Wing Tasker (2)	Recorder	Recorder/Plotter	Deep Battle Analyst (3)	Recorder	C2 Maint Coord	Radio Watch NCO	Track Data Coord
Ops Chief	Engineer Officer	Intel Analyst	Crew Chief	Rotary Wing Tasker (2/3)	UAV Tasker	Plotter		Recorder/TBMCS Operator (2)		Logistics Watch Officer	Data/Comm Tech	
Ops Clerk	Ground Watch Chief	ELINT Analyst	Recorder	UAV Tasker	Recorder					NBC Watch Officer	Wireman	
	IOS Operator			Recorder (2)	Plotter					Force Protection Watch Officer	Radio Operator	
	AFATDS Operator			Plotter (2)						ALD/ORD Watch Officer		

b. Future Operations Section. A core capable TACC Future Operations Section (FOS) plans for and allocates available air assets by promulgating an ATO and other related planning documents within a theater-delineated timeline. One core capable FOS crew is required to sustain and perform contingency/combat operations. While not structured for two crews, the planning, decision, and execution (PD&E) timeline may require the shifting of personnel to meet critical events during the day. If all crew positions are not filled, critical functions performed by that position will be degraded. The notional FOS core capable crew of the baseline TACC consists of 44 personnel as depicted in table 2-2. This baseline organization is scaleable to meet operational requirements. Responsibility for training crewmembers is delineated in MCO P3500.14, Aviation T&R Manual, Administrative.

Table 2-2.--Notional Future Operations Section.

Ops Admin Section	Ground Watch Section	Orders Development Section	ATO Development Section	Intelligence Watch Section
Future Operations Officer	Ground Watch Officer (2)	Orders Development Officer	ATO Development Officer	Intel Watch Officer (2)
Asst. Future Operations Officer	Ground Watch Clerk (2)	Strike Plans Officer (3)	ATO Planning Officer	Intel Analyst (2)
Operations Chief		Support Plans Officer (3)	Asst. ATO Planning Officer	
Operations Clerk (2)		Force Protection Officer	Strike Planner (3)	
		C2 Plans Officer	EW Planner	
		Operations Clerk (2)	Support Planner (4)	
			UAV Planner	
			Air Defense Planner (2)	
			Airspace Control Measures Planner	
			ATO Production Officer	
			Asst. ATO Production Officer	
			SPINS/ACP/ADP Production Officer	
			ATO Production Chief	
			ATO Production Clerk (6)	

c. Future Plans Section. A core capable TACC Future Plans Section is responsible to the ACE G-3 for aviation planning in support of the next MEF mission change. One core capable future plans section is required to sustain and perform contingency/combat operations. While not structured for two crews, the planning, decision, and execution (PD&E) timeline may require the shifting of personnel to meet critical events during the day. If all crew positions are not filled, critical functions performed by that position will be degraded. The notional future plans section core capable crew of the baseline TACC consists of 44 personnel as depicted in table 2-3. This baseline organization is scaleable to meet operational requirements. Responsibility for training crewmembers is delineated in MCO P3500.14, Aviation T&R Manual, Administrative.

Table 2-3.--Notional Future Plans Section.

Ops Admin Section	Ground Watch Section	Orders Development Section	ATO Development Section	Intelligence Watch Section
Future Operations Officer	Ground Watch Officer	Orders Development Officer	ATO Development Officer	Intel Watch Officer
Asst. Future Operations Officer	Ground Watch Clerk	Strike Plans Officer (3)	ATO Planning Officer	Intel Analyst
Operations Chief		Support Plans Officer (3)	Asst. ATO Planning Officer	
Operations Clerk (2)		Force Protection Officer	Strike Planner (3)	
		C2 Plans Officer	EW Planner	
		Operations Clerk (2)	Support Planner (4)	
			UAV Planner	
			Air Defense Planner	
			Air Support Planner	
			ATO Production Officer	
			Asst. ATO Production Officer	
			SPINS/ACP/ADP Production Officer	
			ATO Production Chief	
			ATO Production Clerk (6)	

d. Billet-Syllabus Qualification Matrix. Tables 2-4 and 2-5 contain a billet-syllabus qualification matrix for the current and future operations sections.

Table 2-4.--TACC Current Operations Section  
Billet-Syllabus Qualification Matrix.

CURRENT OPERATIONS SECTION	BILLET	T&R SYLLABUS QUAL
	Current Operations Officer (COPSO)	Current Operations Officer (COPSO)

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CURRENT OPERATIONS SECTION	BILLET	T&R SYLLABUS QUAL
CURRENT OPERATIONS WATCH SECTION	Senior Watch Officer (SWO)	Senior Watch Officer ( <b>SWO</b> )
	Senior Air Coordinator (SAC)	Senior Air Coordinator ( <b>SAC</b> )
	Crew Chief (CC)	TACC Crew Chief ( <b>TACC-CC</b> )
	Recorder	Recorder ( <b>RCDR</b> )
DEEP BATTLE CELL	Fixed Wing Tasker	Air Battle Tasker ( <b>ABT</b> )
	Deep Air Operations Manager (DAOM)	Deep Air Operations Manager ( <b>DBC</b> )
	UAV Tasker	Air Battle Tasker ( <b>ABT</b> )
	Fixed Wing Recorder	Recorder ( <b>RCDR</b> )
	Fixed Wing Plotter	Plotter ( <b>PLTR</b> )
CLOSE BATTLE CELL	Fixed Wing Tasker	Air Battle Tasker ( <b>ABT</b> )
	Rotary Wing Tasker	Air Battle Tasker ( <b>ABT</b> )
	UAV Tasker	Air Battle Tasker ( <b>ABT</b> )
	Air Support Rep/Close Battle Coordinator	Close Battle Coordinator ( <b>CBC</b> )
	Fixed Wing Recorder	Recorder ( <b>RCDR</b> )
	Fixed Wing Plotter	Plotter ( <b>PLTR</b> )
	Rotary Wing Recorder	Recorder ( <b>RCDR</b> )
	Rotary Wing Plotter	Plotter ( <b>PLTR</b> )
AIR DEFENSE COORDINATION CELL	Air Defense Coordinator (ADC)	Air Defense Coordinator ( <b>ADC</b> )
	Air Defense Recorder	Recorder ( <b>RCDR</b> )
	Air Defense Plotter	Plotter ( <b>PLTR</b> )
AIRSPACE CONTROL CELL	Airspace Control Officer (ACO)	Airspace Control Officer( <b>ACO</b> )
	Airspace Plotter/Recorder	Plotter ( <b>PLTR</b> ) Recorder ( <b>RCDR</b> )
JOINT INTERFACE CONTROL OFFICER (JICO)CELL	Joint Interface Control Officer (JICO)	Joint Interface Control Officer ( <b>JICO</b> )
INTERFACE CONTROL/ TRACK DATA CELL	Interface Control Officer (ICO)	Interface Control Officer ( <b>ICO</b> )
	Track Data Coordinator (TDC)	Track Data Coordinator ( <b>TDC</b> )
BATTLE DAMAGE	Close Battle Analyst	Air Battle Analyst ( <b>ABA</b> )



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CURRENT OPERATIONS SECTION	BILLET	T&R SYLLABUS QUAL
ASSESSMENT CELL	Deep Battle Analyst	Air Battle Analyst ( <b>ABA</b> )
	Recorder	Recorder ( <b>RCDR</b> )
SAR COORDINATION CELL	SRCC Officer	<b>SRCC</b>
	SRCC Recorder	Recorder ( <b>RCDR</b> )

Table 2-5.--TACC Future Operations Section  
Billet-Syllabus Qualification Matrix.

FUTURE OPERATIONS SECTION	BILLET	T&R SYLLABUS QUAL
	Future Operations Officer (FOPSO)	Future Operations Officer (FOPSO)
ATO DEVELOPMENT SECTION	ATO Development Officer (ATODO)	ATO Development Officer ( <b>ATODO</b> )
ATO PLANNING CELL	ATO Planning Officer (ATOPLO)	ATO Planning Officer ( <b>ATOPLO</b> )
	Strike Planner	ATO MSN Planner ( <b>ATOMP</b> )
	EW Planner	ATO MSN Planner ( <b>ATOMP</b> )
	Support Planner	ATO MSN Planner ( <b>ATOMP</b> )
	UAV Planner	ATO MSN Planner ( <b>ATOMP</b> )
	Airspace Control Measures Planner	ATO/ACO Planner ( <b>AAP</b> )
	Air Defense Planner	ATO/ACO Planner ( <b>AAP</b> )
	Air Support Planner	ATO/ACO Planner ( <b>AAP</b> )
ATO PRODUCTION CELL	ATO Production Officer (ATOPRO)	ATO Production Officer ( <b>ATOPRO</b> )
	SPINS/ACP/ADP Production Officer	N/A
	ATO Production Chief	N/A
	ATO Production Clerk	N/A
ORDERS DEVELOPMENT SECTION	Orders Development Officer	Orders Development Officer ( <b>ORDO</b> )
	Strike Plans Officer	Orders Development Planner ( <b>ORDP</b> )
	Support Plans Officer	Orders Development Planner ( <b>ORDP</b> )
	C2 Plans Officer	AVN C2 Planner ( <b>AC2P</b> )

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Table 2-6.--TACC Future Plans Section  
Billet-Syllabus Qualification Matrix.

FUTURE PLANS SECTION	BILLET	T&R SYLLABUS QUAL
	Future Plans Officer	Future Plans Officer (FPNO)
	Senior Planner	N/A
	Airspace/Air Defense Planner	N/A
	Assault Support Planner	N/A
	Strike Support Planner	N/A
	Aviation Support Planner	N/A

102. SUMMARY/INDEX OF LIVE/SIMULATED EVENTS

1. Combat Capable Training. The Combat Capable Training phase of training is accomplished at the Marine Air Control Squadron, Low Altitude Air Defense Battalion, and Marine Air Support Squadron through on the job training within a Marine's primary MOS. A prerequisite to personnel being assigned to the Tactical Air Command Center is the completion of the Combat Qualification Training (300 level) Syllabus for their respective MOS.

2. Combat Ready Training. Table 2-7 contains a listing of the combat readiness training events and associated page numbers.

Table 2-7.--Combat Readiness Training List.

EVENT	GOAL	PAGE
SYS-200	Operate communications equipment	2-25
SYS-201	Setup a TACC for operations	2-26
SYS-202	Conduct TACC operations in an NBC environment	2-26
SYS-203	Setup/Operate the IOW system	2-27
SYS-204	Setup/Operate TBMCS	2-27
SYS-205	Setup/Operate AFATDS	2-28
SYS-206	Setup/Operate MSCS	2-28
SYS-207	Configure National Systems Information	2-29
SYS-208	Setup/Operate IOS	2-29
PLTR-210	Perform IOW operator functions	2-30
PLTR-211	Perform AFATDS operator functions	2-31
PLTR-212	Create manual plotting displays	2-31
PLTR-213	Conduct manual plotting	2-32
RCDR-220	Perform as a Recorder/TBMCS operator	2-33
RCDR-221	Perform as an ADR	2-34
RCDR-222	Perform as an CBR/DBR	2-34
QUAL-280	Qualify the TACCEO as a PLTR	2-32
QUAL-281	Qualify the TACCEO as a RCDR	2-35
DESG-290	Designate the TACCEO as a PLTR	2-36
DESG-291	Designate the TACCEO as a RCDR	2-36

3. Combat Qualification Training. Table 2-8 contains a listing of the combat readiness training events and associated page numbers.

Table 2-8.--Combat Qualification Training List.

EVENT	GOAL	PAGE
TDC-300	Perform TDC functions; serial link	2-37
TDC-301	Perform TDC functions; netted link	2-38
TDC-302	Perform TDC functions; nodeless link	2-38
TDC-303	Perform TDC functions; exercise	2-39
ADC-310	Perform as an ADC	2-41
CBC-320	Perform as a CBC	2-42
QUAL-380	Qualify the TACCEO as a TDC	2-40
DESG-390	Designate the TACCEO as a TDC	2-44

4. Full Combat Qualification Training. Table 2-9 contains a listing of the full combat qualification training events and associated page numbers.

Table 2-9.--Full Combat Qualification Training List.

EVENT	GOAL	PAGE
ADC-400	Conduct Air Defense planning	2-45
ADC-401	Perform as an ADC	2-46
CBC-410	Conduct Close Battle Cell planning	2-47
CBC-411	Perform as a CBC	2-48
CC-420	Perform Crew Chief functions	2-49
CC-421	Prepare the TACC for embarkation and set up	2-50
CC-422	Perform as a Crew Chief	2-50
QUAL-480	Qualify the TACCEO as an ADC	2-46
QUAL-481	Qualify the TACCEO as a CBC	2-48
QUAL-482	Qualify the TACCEO as a Crew Chief	2-51
DESG-490	Designate the TACCEO as an ADC	2-52
DESG-491	Designate the TACCEO as a CBC	2-52
DESG-492	Designate the TACCEO as a Crew Chief	2-52

5. Instructor Qualification Training. None.

6. Special Skills Training And Designation. Table 2-10 contains a listing of the special skills training and designations training events and associated page numbers.

Table 2-10.--Special Skills Training and Designation List.

EVENT	TASK	PAGE
PRC-600	Conduct Personnel Recovery Planning	2-53
PRC-601	Perform as a PRC	2-53
ICO-610	Develop planning documents	2-55
ICO-611	Perform as an ICO	2-56
ICO-612	Perform as an ICO	2-57
DAOM-620	Conduct Deep Battle Cell Planning	2-58

EVENT	TASK	PAGE
DAOM-621	Perform as a DAOM	2-59
DAOM-622	Perform as a DAOM	2-60
JICO-630	Perform as a JICO	2-62
QUAL-680	Qualify the TACCEO as a PRC	2-54
QUAL-681	Qualify the TACCEO as an ICO	2-57
QUAL-682	Qualify the TACCEO as a DAOM	2-61
QUAL-683	Qualify the TACCEO as a JICO	2-62
DESG-690	Designate the TACCEO as a PRC	2-63
DESG-691	Designate the TACCEO as an ICO	2-63
DESG-692	Designate the TACCEO as a DAOM	2-63
DESG-693	Designate the TACCEO as a JICO	2-64

7. Operator Core Skills. Core skills are depicted in the following matrix (table 2-11) and directly support the METL for each Unit. Core skills shall be a determining factor in developing T&R training requirements. Special skills and training requirements must receive appropriate prioritization and emphasis based on the training need, and the likelihood of those types of missions being assigned during operations.

Table 2-11.--Core Skills.

	CORE TASKS/SKILLS				CORE AND CORE PLUS TASKS/SKILLS		
METL	SYS	PLTR	RCDR	TDC	CC	ADC	CBC
<b>A</b>	200 202	210 211	220	300 301	420	320	330
	203 204	212 213	221	302 303	421	400	410
	205 206	214 280	222		422	401	411
	207 208		281		482	480	481
<b>B</b>	200 202	210 212	220		420	320	330
	203 204	213 214	221		422	400	410
	205 207	280	222		482	401	411
	208		281			480	481
<b>C</b>	200 202	210 211	220	300 301	420	320	330
	203 204	212 213	221	302 303	421	400	410
	205 206	214 280	222		422	401	411
	207 208		281		482	480	481
<b>D</b>					421	400	410
<b>E</b>	200 201	210 211	220 221	300 301	420	320	330
	202 203	212 213	222 281	302 303	421	400	410
	204 205	214 280			422	401	411
	206 207				482	480	481
	208						
<b>F</b>	200 202	210 211	220 221	300 301	420	320 400	
	203 204	212 213	281	302 303	421	401 480	
	205	214 280			422		
	206 207				482		
	208						

<b>G</b>	200 201 202 203 204 205 206 207 208	210 211 212 213 214 280	220 221 222 281	300 301 302 303	420 421 422 482	320 400 401 480	330 410 411 481
<b>H</b>	200 202 204 205		220 221 222 281		420 421 422 482	320 400 401 480	330 410 411 481
<b>I</b>	200 202 204 205 206 207 208	210 211 212 213 214 280	220 221 222 281	300 301 302 303	420 421 422 482	320 400 401 480	330 410 411 481
<b>J</b>	200 202 203 204 205 206 207 208	210 211 212 213 214 280	220 221 222 281	300 301 302 303	420 421 422 482	320 400 401 480	330 410 411 481
<b>K</b>	200 202 203 204 205 206 207 208	210 211 212 213 214 280	220 221 222 281	300 301 302 303	420 421 422 482	320 400 401 480	330 410 411 481
<b>L</b>	200 201 202 203 204 205 206 207 208	210 211 212 213 214 280	220 221 222 281	300 301 302 303	420 421 422 482	320 400 401 480	330 410 411 481
<b>M</b>	200 201 202 203 204 205 206 207 208	210 211 212 213 214 280	220 221 222 281	300 301 302 303	420 421 422 482	320 400 401 480	330 410 411 481
<b>N</b>	200 201 202 203 204 205 206 207 208	210 211 212 213 214 280	220 221 222 281	300 301 302 303	420 421 422 482	320 400 401 480	330 410 411 481
<b>O</b>	200 201 202 203 204 205 206 207 208	210 211 212 213 214 280	220 221 222 281	300 301 302 303	420 421 422 482	320 400 401 480	330 410 411 481

## 203. UNIT TRAINING POLICIES

1. The unit's training program emphasizes qualifications and the overall combat readiness of the unit. Individual training serves as the building block for overall unit readiness. However, unit training will never be compromised for the training of a select, few individuals. Commanding Officers will ensure that this training philosophy is implemented. Unit training must predominate, and squadrons must tailor their training plans to ensure unit combat readiness.

2. The training of Marines to perform as an integral aviation unit in combat lies at the heart of the T&R program. Unit readiness and individual readiness are directly related. Individual training and the mastery of individual core skills serve as the building blocks for unit combat readiness. A Marine's ability to perform those critical skills required in combat is essential.

3. Commanders shall ensure that all tactical training is conducted to T&R standards, as outlined in MCO P3500.14, all syllabus events shall be tailored to meet T&R requirements. Commanders at all levels are responsible for effective aviation training. The conduct of training in a professional manner consistent with Marine Corps standards cannot be over emphasized.

4. Commanders must be cognizant of the numerous factors affecting unit training on a daily basis. Factors that all commanders must address include, but are not limited to the following:

a. Efficiency. Time and resources expended are measurements for training efficiency. Commanders must ensure that all training increases combat readiness. Unit personnel shall thoroughly plan and effectively execute training to maximize the return on their time and effort.

b. Individual Differences. Commanders must recognize the differences inherent in each individual and should mold flexible training programs to accommodate those differences.

c. Decentralization of Training. The lowest echelon possible shall be responsible for conducting training. Each senior level of command must monitor subordinate commands to ensure safe and efficient training requirements.

5. Commanders shall provide personnel the opportunities to attend formal and operational level courses of instruction as required by this Manual. Attendance at all formal courses must enhance the warfighting capabilities of the unit.

6. Risk Management. Operational Risk Management (ORM) is a process to aid commanders in accomplishing their missions while protecting the force. Commanders, leaders, maintainers, planners and schedulers should integrate risk assessment in the decision making process and implement hazard controls to eliminate risk or reduce it to acceptable level.

7. MACCS Integrated System Training. All elements of the MACCS shall maintain the capability to effectively function as part of an integrated air command and control system. In that large exercises may not always offer sufficient training opportunity for all crew members, and in many cases do not offer sufficient latitude to refine capability upon arrival, the MACCS should conduct MACCS Integrated System Training Exercises (MISTEX) on a regular basis to qualify units and personnel per their respective T&R syllabus. MISTEXs should focus on the establishment of necessary communications and data links between MACCS agencies, and incorporate sufficient simulation and MSEL items to exercise and analyze system integration, crew coordination, and critical information flow wherever possible. Tactical Digital Information Link capable

agencies should conduct frequent "Link" training exercises to maintain proficiency.

#### 204. TACTICAL AIR COMMAND CENTER ENLISTED OPERATOR TRAINING PROGRESSION PHILOSOPHY

1. The purpose of this syllabus is to develop and refine those skills required for the Tactical Air Command Center Enlisted Operator (TACCEO) to function as a Track Data Coordinator (TDC), Air Defense Coordinator (ADC), Close Battle Coordinator, and/or Crew Chief (CC) within a core capable TACC Current Operations crew. The progression of the TACCEO through the syllabus has been tailored towards that end. It is incumbent upon the squadron commander to ensure that each event is completed in accordance with each performance standard established for that event.

#### 205. TACCEO TRAINING PROGRESSION MODEL

1. The Training Progression Model for the TACCEO is depicted in Figure 2-1.

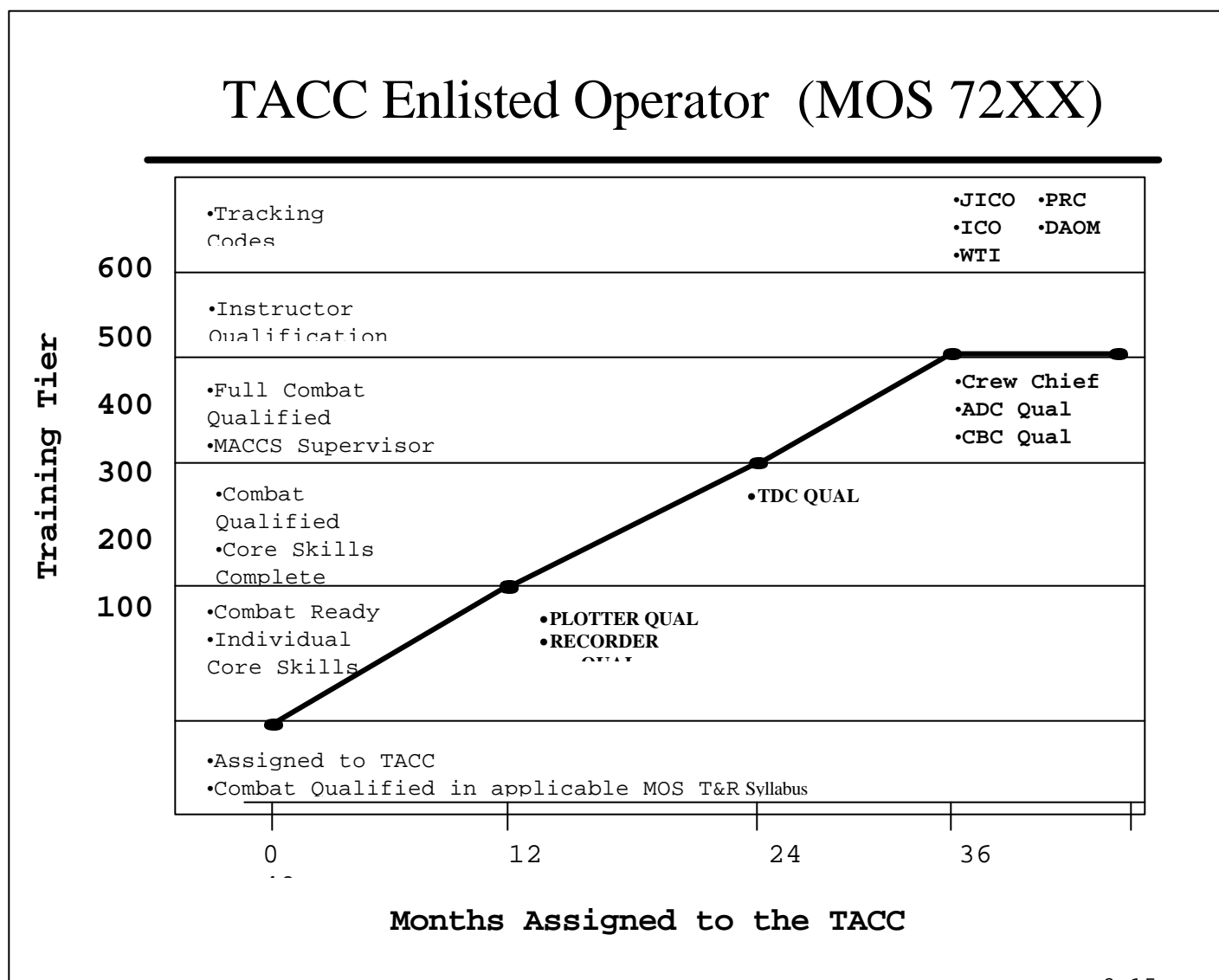


Figure 2.1.--TACCEO Training Progression Model.

2. This model depicts the **logical progression of qualifications** within a unit. The base of each model contains those qualifications an individual reports to the unit with (accession qualifications) after completion of the MOS-qualifying school. The highest tier of the progression model will contain those qualifications held by only the most experienced personnel within a unit.

3. The Combat Capable tier will in most cases be accomplished at the completion of Marine's initial MOS skills training. With successful completion of the combat capable tier, unit personnel are assigned their basic MOS qualification and progress to the Combat Ready tier.

4. On the Combat Ready tier, qualifications that are normally made available to fairly inexperienced personnel will be delineated. This tier should take the individual who has completed initial MOS skills training and make him or her proficient in core competencies. With successful completion of the combat ready tier, unit personnel move to the Combat Qualification tier.

5. The Combat Qualification tier will be that portion of the model that produces combat leaders and fully qualified crewmembers. The personnel that are being trained in the combat qualification tier are those men/women a Commanding Officer feels are capable of directing the actions of subordinates during wartime scenarios.

6. The Full Combat Qualification tier contains special skills which are not prerequisite to combat qualification, or the ability to function as combat leaders. A certain number of FCQ individuals must be maintained to accomplish assigned missions or tasks.

a. In some cases, higher echelon supervisory position training and qualifications may be reflected where the development of a separate T&R syllabus is not practical or warranted. These personnel are the most experienced personnel within a unit. They are expected to display the maturity and tactical acumen commensurate with this status on a daily basis, and assist the Commanding Officer with oversight of the unit training program.

7. The unit's training progression model provides training officers with a valuable tool to develop training plans. With a clear progression of qualifications delineated, and an emphasis on the qualification of "combat ready" and "combat qualified" personnel, training officers have the ability to produce viable training plans. Units will use the model as a point of departure to generate weekly, monthly, quarterly and annual training plans.

206. PROGRAMS OF INSTRUCTION (POI) FOR TACCEO. There is no formal schools training provided for TACC personnel.

207. MISSION QUALIFICATIONS/DESIGNATIONS



1. Plotter (PLTR) Qualification. A TACCEO is PLTR qualified after having completed the required 200 level events of the T&R syllabus. The TACCEO shall be certified as a PLTR by a designated SAC and designated PLTR qualified by the MAW commander's designated representative. A letter noting the designation shall be entered into the individual's MACCS Performance Record.
2. Recorder (RCDR) Qualification. A TACCEO is RCDR qualified after having completed the required 200 level events of the T&R syllabus. The TACCEO shall be certified as an RCDR by a designated SAC and designated RCDR qualified by the MAW commander's designated representative. A letter noting the designation shall be entered into the individual's MACCS Performance Record.
3. Track Data Coordinator (TDC) Qualification. A TACCEO is TDC qualified after having completed the required 300 level events of the T&R syllabus. The TACCEO shall be certified as a TDC by a designated SAC and designated TDC qualified by the MAW commander's designated representative. A letter noting the designation shall be entered into the individual's MACCS Performance Record.
4. Air Defense Coordinator (ADC) Qualification. A TACCEO is ADC qualified after having completed the required 400 level training events of the T&R syllabus. The MACCS TACCEO shall be certified as an ADC by a designated SAC and designated ADC qualified by the MAW commander's designated representative. The TACCEO shall have a letter in his or her MACCS Performance Record stating the qualification.
5. Close Battle Coordinator (CBC) Qualification. A TACCEO is CBC qualified after having completed the required 400 level training events of the T&R syllabus. The TACCEO shall be certified as a CBC by a designated SAC and designated CBC qualified by the MAW commander's designated representative. A letter noting the designation shall be entered into the individual's MACCS Performance Record
6. TACC Crew Chief (TACC-CC) Qualification. A TACCEO is TACC-CC qualified after having completed the required 400 level events of the appropriate T&R syllabus. The TACCEO shall be certified as a TACC-CC by a designated SAC and designated TACC-CC qualified by the MAW commander's designated representative. A letter noting the designation shall be entered into the individual's MACCS Performance Record.
7. Interface Control Officer (ICO) Qualification. A TACCEO is ICO qualified after having completed the required 600 level events of the T&R syllabus. The TACCEO shall be certified as a ICO by a designated SAC and designated ICO qualified by the MAW commander's designated representative. A letter noting the designation shall be entered into the individual's MACCS Performance Record.
8. Joint Interface Control Officer (JICO) Qualification. A Marine TACCEO (MOS 72XX) is JICO qualified after having completed the required 600 level events of the T&R syllabus. The JICO shall be certified by a designated JICO and designated JICO qualified by the MAW commander's designated representative. A letter noting the designation shall be entered into the individual's MACCS Performance Record.

9. Deep Air Operations Manager (DAOM) Qualification. A Marine TACCEO (MOS 72XX) is DAOM qualified after having completed the required training events of the appropriate T&R syllabus. The TACCEO shall be certified as a DAOM by a designated SAC and designated DAOM qualified by the MAW commander's designated representative. A letter noting the designation shall be entered into the individual's MACCS Performance Record.

10. Personnel Recovery Coordinator (PRC) Qualification. A Marine TACCEO (MOS 72XX) is PRC qualified after having completed the required training events of the appropriate T&R syllabus. The TACCEO shall be certified as a PRC by a designated SAC and designated PRC qualified by the MAW commander's designated representative. A letter noting the designation shall be entered into the individual's MACCS Performance Record

## **210. GROUND/ACADEMIC TRAINING**

1. Academic training shall be conducted for each phase/stage of the syllabus. Commanders are strongly encouraged to incorporate the lectures in table 2-12 into their training plans. Where indicated, standardized academic training materials exist and may be obtained from the activity listed as the sponsor.

Table 2-12.--Recommended T&R Lectures.

<b>Lecture Code</b>	<b>Lecture Title</b>	<b>Sponsor</b>
<b>200 Level: Combat Ready Training</b>		
A-01	MAGTF Organization	MCCES
A-02	MACCS Organization	MCCES
A-03	The Six Functions of Marine Aviation	MAWTS-1
A-04	v Control of Aircraft & Missiles	MAWTS-1
A-05	v Offensive Air Support	MAWTS-1
A-06	v Assault Support	MAWTS-1
A-07	v Electronic Warfare	MAWTS-1
A-08	v Aerial Reconnaissance	MAWTS-1
A-09	v Anti-Air Warfare	MAWTS-1
A-09	Air Tasking Order/Special Instructions	MCCES
A-10	MACCS Training Management	Local MACG
A-11	MACCS reference material	MCCES
A-12	Local AOR Contingencies & OP PLANS	Local MACG
A-13	ROE Overview	Local MACG MAW
A-14	MACCS Communications	MAWTS-1
A-15	TBMCS Overview	MAWTS-1
A-16	Data Link Symbolology	MCCES
A-17	Manual Crosstell procedures	MCCES
A-18	Encryption & Authentication Procedures	MCCES
A-19	COMSEC & Crypto handling	MCCES
<b>300 Level: Combat Qualified Training</b>		
B-01	Missile and UAV Threat to MAGTF	MAWTS-1
B-02	Fixed Wing Threat to the MAGTF	MAWTS-1

Lecture Code	Lecture Title	Sponsor
B-03	Rotary Wing Threat to the MAGTF	MAWTS-1
B-04	REC Threat	MAWTS-1
B-05	Armor Threat to the MAGTF	MAWTS-1
B-06	AOR Specific Threat & OP PLANS	Local MACG
B-07	MACCS Agencies	MAWTS-1
B-08	v TACC	MAWTS-1
B-09	v TAOC	MAWTS-1
B-10	v DASC	MAWTS-1
B-11	v ATC Detachment	MAWTS-1
B-12	v LAAD Bn	MAWTS-1
B-13	v MWCS	MAWTS-1
B-14	AC2W-ISR	MAWTS-1
B-15	Multi TADIL Network	MAWTS-1
B-16	USMC Aviation Ordnance	MCCES
B-17	Phasing Control Ashore	MAWTS-1
B-18	Airspace Planning/Management (Combat Airspace)	Local MACG MAW
B-19	Tanker Management	MAWTS-1
B-20	Armed Reconnaissance	MAWTS-1
B-21	UAV Overview	MAWTS-1
B-22	Link Architecture and Procedures	Local MACG MAW
B-23	Introduction to Personnel Recovery	MAWTS-1
B-24	NEO Execution	MAWTS-1
B-25	Execution Checklist	MAWTS-1

	400 Level: Full Combat Qualified Training	
C-01	Integrated Combat Airspace Command & Control (ICAC <sup>2</sup> )	Local MACG MAWTS-1
C-02	Joint Air Operations	MAWTS-1
C-03	TBM and CM Defense	MAWTS-1
C-04	JTAO Procedures	MCCES
C-05	Law of War and ROE	MAWTS-1
C-06	SIS Aircraft	MAWTS-1

(\*) The lecture code is standardized throughout all MACCS related syllabi, and is used to link the ATRIMS software to a specific T&R event within this syllabus. Lecture Codes may not be listed sequentially.

2. Academic training listed in table 2-13 is recommended for personnel assigned to the TACC.

Table 2-13.--TACC Academic Syllabus.

CODE	CLASS TITLE	SOURCE	72XX	75XX	02XX
T-01	AAW DOCTRINE		X	X	
T-02	ADC RESPONSIBILITIES		X	X	
T-03	AIR DEFENSE SECTORS/ZONES		X	X	
T-04	AIRSPACE MANAGEMENT		X	X	
T-05	ASSAULT SUPPORT REQUEST (ASR)	MCCES	X	X	

CODE	CLASS TITLE	SOURCE	72XX	75XX	02XX
T-06	ATOs AND ACOs		X	X	X
T-07	CBC RESPONSIBILITIES		X	X	
T-08	IBS/CTT	MAWTS-1	X	X	
T-09	BRIEFING AND DEBRIEFING PROCEDURES	AS REQD			
T-10	C4I SYSTEMS		X	X	X
T-11	CAP MANAGEMENT		X	X	
T-12	CC RESPONSIBILITIES		X	X	
T-13	COMMAND AND CONTROL OF AMPHIBIOUS OPS		X	X	X
T-14	JOINT AIR COMMUNICATIONS NETS		X	X	X
T-15	COORDINATION REQUIREMENTS		X	X	X
T-16	CREW COORDINATION		X	X	X
T-17	CSAR/TRAP	MAWTS-1	X	X	X
T-18	TBMCS CURRENT OPERATIONS APPLICATIONS		X	X	X
T-19	DATA LINK TROUBLESHOOTING		X		
T-20	DATA LINK OPS MESSAGES	MAWTS-1	X		
T-21	DATA LINK OPERATIONS		X		
T-22	EMCON PLANNING		X	X	X
T-23	EMERGENCY PROCEDURES		X	X	
T-24	ELECTRONIC PROTECTION CAPABILITIES	MAWTS-1	X	X	
T-25	IADS EMPLOYMENT		X	X	
T-26	IDENTIFICATION PROCEDURES		X	X	
T-27	INTERFACE COORDINATION		X		
T-28	INTERNAL/EXTERNAL INFORMATION FLOW		X	X	X
T-29	INTRODUCTION TO TACC SYSTEMS		X	X	X
T-30	INTRODUCTION TO C2W		X	X	X
T-31	JOINT TACTICAL AIRSTRIKE REQUEST (JTAR)	MCCES	X	X	X
T-32	MANUAL BACKUP TACC PROCEDURES		X	X	
T-33	MSCS OPERATIONS		X		
T-34	OPLANS & OPORDERS		X	X	X
T-35	PLOTTING SYMBOLOGY		X	X	X
T-36	JOINT MUNITIONS EFFECTIVENESS MANUAL (JMEMS)	MAWTS-1	X	X	X
T-37	NATIONAL SYSTEMS TASKING PROCESS/CYCLE	MAWTS-1	X	X	
T-38	SEAD		X	X	X
T-39	SECURITY OF CLASSIFIED MATERIAL	MCCES	X	X	X
T-40	SUPPORTING ARMS INTEGRATION		X	X	
T-41	IMINT	MAWTS-1	X	X	X
T-42	TACC CREW BRIEF		X	X	X
T-43	TACC REPORTS/FORMATS		X	X	X
T-44	TACC CASUALTY PROCEDURES		X	X	X
T-45	LMS-16				
T-46	TACC EMPLOYMENT & PLANNING CONSIDERATIONS		X		
T-47	TADIL-A		X		
T-48	TADIL-B/NATO LINK 1		X		
T-49	TADIL-J		X		
T-50	AOC OVERVIEW	C2WS	X	X	X
T-51	IOS IOS/IOW OPERATIONS		X		X
T-52	TDC RESPONSIBILITIES		X		

CODE	CLASS TITLE	SOURCE	72XX	75XX	02XX
T-53	TDS PLATFORMS		X		
T-54	THEATER AIR GROUND SYSTEM	MAWTS-1	X	X	X
T-55	GMF OVERVIEW	MAWTS-1	X		
T-56	BASIC WEATHER		X	X	X
T-57	AFATDS		X	X	X
T-58	JOINT AIR OPERATIONS	MAWTS-1	X		
T-59	TBMCS FUTURE OPERATIONS APPLICATIONS			X	
T-60	INFORMATION MANAGMENT AND CONNECTIVITY	MAWTS-1	X	X	
T-61	ELECTRONIC WARFARE COORDINATION CENTER	MAWTS-1	X	X	
T-62	ELECTRONIC TARGETING AND ATTACK	MAWTS-1	X	X	
T-63	ALLIED SAMS	MAWTS-1	X	X	
T-64	ATARS EMPLOYMENT	MAWTS-1	X	X	
T-65	OAS PGMS	MAWTS-1	X	X	
T-66	ENVIRONMENTAL EFFECTS OF ELECTROMAGNETIC ENERGY	MAWTS-1	X	X	

3. External academic courses of instruction available to support the syllabus are listed below.

COURSE	ACTIVITY
Multi-TADIL Advanced Joint Interface Course(MAJIC)	JMTS
JTIDS Course	JMTS
JTIDS Network Design & System Management (JNDSM)	JMTS
Joint Air Tasking Order Process Course (JATOPC)	C2WS
IOS Operator's Course	EWTG
Joint Aerospace Command and Control Course (JAC2C)	C2WS
Military Airspace Management Course	Keesler, AFB
Personnel Recovery 101	JPRA
Personnel Recovery 301	JPRA
JICO Course	JMTS
WTI Course	MAWTS-1
Marine AFATDS Course	Ft. Sill, OK

211. TRAINING REFERENCES. The following training references shall be utilized to ensure safe and standardized training procedures, performance steps, grading criteria, and equipment operation:

TITLE	
ACP-125	Allied Communication Publication
CJCSM 6120.01A	Joint Multi-TADIL Operational Procedures
CCS-TRTBM-A017	TBMCS Software User's Manual (SUM) Lockheed Martin
DASC PCL	DASC Pocket Checklist
FM 11-1	NBC Operations
FM 100-42	USAF/USA Airspace Management in the Area of Operations
FMFM 3-30	Communications
FMFM 6-18	Techniques and Procedures for Fire Support Coordination.
FMFRP 5-62	Multi-Service Procedures for the Theater Air-Ground System
JtDivO P3120.23	FSC SOP
Joint Pub 3-03	Doctrine for Joint Interdiction Operations
Joint Pub 3-09.3	JTTP for Close Air Support
Joint Pub 3-01.4	JTTP for Joint SEAD

Joint Pub 3-01.5 Doctrine for Joint Theater Missile Defense  
 Joint Pub 3-54 Joint Doctrine for OPSEC  
 MCM 3-1 Vol II Threat Reference Manual  
 MCO 3501.9B Marine Corps Combat Readiness Evaluation System (MCCRES)  
 MCRP 3-16.1F Targeting  
 MCRP 3-16.8B MSP for the Joint Application of Firepower (J-FIRE)  
 MCRP 3-23A Joint Air Attack Team Manual  
 MCRP 3-25A MSP for AWACS in GBAD Operations  
 MCWP 3-2 Aviation Operations  
 MCWP 3-23.1 Close Air Support  
 MCWP 3-25 Control of Aircraft and Missiles  
 MCWP 3-25.1 Integrated Combat Airspace Command and Control (ICAC2)  
 MCWP 3-25.2 Theater Air Ground System (TAGS)  
 MCWP 3-25.3 MACCS Handbook  
 MCWP 3-25.4 Marine TACC Handbook  
 MCWP 3-25.5 DASC Handbook  
 MCWP 3-25.6 SAAWC Handbook  
 MCWP 3-35.7 TAOC Handbook  
 MCWP 3-25.8 MATCD Handbook  
 MCWP 3-25.9 Air Defense Det Handbook  
 MCWP 3-25.10 LAAD Bn Handbook  
 MCWP 3-25.12 MWCS Handbook  
 NWP 22 Air Control in Amphibious Operations  
 NWP 32 Anti-Air Warfare  
 OPNAVINST 3710 NATOPS MANUAL  
 TM-11240 Series Motor Transport Technical Characteristics  
 TM 10149A-13&P/1 Operation Instructions - Tactical Combat Operations (IOS)  
 TSC-125-96-U IOS Student Guide  
 12R4-MSCS-760-005 Operator's Reference Manual (MSCS)  
 TOPGUN Manual  
 AGOS Manual  
 Understanding Link 4A/11/16  
 Understanding Data Links  
 F/A-18 Tactics Manual (TACMAN)

220. LIVE/SIMULATOR EVENT TRAINING: TACCEO

1. **Combat Capable Training**

STAGE	EVENTS	PERCENT
COMBAT QUALIFIED SYLLABUS AT MACS/MASS/LAAD BN		60.00%

2. **Combat Ready Training**

STAGE	EVENTS	PERCENT
SYSTEM TRAINING	9	10.00%
PLOTTER TRAINING	5	5.00%
RECORDER/BME OPERATOR TRAINING	4	8.00%
COMBAT READY TOTALS:	18	23.00%

3. **Combat Qualification Training**

STAGE	EVENTS	PERCENT
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TRACK DATA COORDINATOR TRAINING	5	12.00%
COMBAT QUALIFICATION TOTALS:	5	12.00%

#### 4. Full Combat Qualification Training

STAGE	EVENTS	PERCENT
CREW CHIEF TRAINING	4	3.00%
AIR DEFENSE COORDINATOR TRAINING	4	1.00%
CLOSE BATTLE COORDINATOR TRAINING	4	1.00%
FULL COMBAT QUALIFICATION TOTALS:	12	5.00%

#### 5. Instructor Training

STAGE	EVENTS	PERCENT
NOT APPLICABLE	0	0.00%

#### 6. Special Skills Training

STAGE	EVENTS	PERCENT
INTERFACE CONTROL OFFICER TRAINING	4	0.00%
JOINT INTERFACE CONTROL OFFICER TRAINING	3	0.00%
DEEP AIR OPERATIONS MANAGER TRAINING	4	
SPECIAL SKILLS TRAINING TOTALS:	11	0.00%
TACCEO MOS 72XX T&R SYLLABUS TOTALS:	47	100.00%

### 230. LIVE/SIMULATOR EVENT PERFORMANCE REQUIREMENTS

1. General. The majority of the Tactical Air Command Center Enlisted Operator syllabus consists of ground training that requires in-depth integration within the MACCS. Likewise, development of MAGTF training involving extensive integration with applicable elements of the MAGTF is mandatory in the development of a fully combat qualified Tactical Air Command Center Enlisted Operator.

a. Live Training. Training event condition codes listed as **L** (live), **L/S** (live preferred/simulator optional), and **S/L** (simulator preferred/live optional) in this syllabus designate training to be conducted without the aid of simulator devices. Training not conducted in the live training environment shall be replaced with simulation where applicable as indicated in the condition code. A number of the live and simulated events require interaction with external C3 agencies. This interaction/interface is important to the individual, crew, and agency training.

b. Simulator Training. Training event condition codes listed as **S** (simulator), **L/S** (live preferred/simulator optional), and **S/L** (simulator preferred/live optional) in this syllabus designate training to be conducted in the Tactical Air Command Center (TACC). Training not conducted in the TACC shall be replaced with live training where applicable as indicated in the condition code. A number of the live and simulated events require interaction with external C3 agencies. This interaction/interface is important to the individual, crew, and agency training.

2. Minimum Performance for Syllabus "Write-Off". Personnel may receive credit for successful completion of any syllabus requirement/performance standards (except qualifications) upon either a written, oral, or practical demonstration of proficiency, at the evaluator's discretion. Completion of 80 percent of any syllabus event (except qualifications) may be "written-off" as complete at the discretion of the designated evaluator. Qualifications require a completed performance evaluation. 3. Evaluation of Training. Evaluation of those portions of the syllabus which are academic in nature will be conducted by either written/oral examination or a combination of the two means. Operational and system related subjects will be evaluated by practical application means whenever possible. Performance evaluation to qualify for mission qualifications and designations will be conducted per T&R Manual, Volume 1, and the standardized evaluation forms located in the appendix to this syllabus.

#### 231. COMPONENTS OF A T&R EVENT

1. General. An event contained within a T&R Manual is an Individual or collective training standard and contains seven or eight components, dependent on the tier in which they are contained:

1/	2/	3/	4/	5/	6/
SAM-XXX	0.5	T,C,R, E	EQUIP	L/S (NS)	

Goal. The title of a unit of work which needs to be done in the performance of a Marine's duties. It is a clearly stated performance-oriented action requiring learned skills and knowledge, i.e. Engage a rotary winged aircraft.

Requirement. The condition(s) set for the real-world or combat circumstances in which the goals are to be performed. They indicate what is provided (equipment, tools, materials, manuals, aids, etc.), environmental constraints or conditions under which the goal is performed, and any specific cues or indicators to which the performer must respond. When resources or safety requirements limit the conditions, this should be stated.

Performance Standards. The performance standard indicates the basis for judging the effectiveness of the performance. It consists of a carefully worded statement that identifies the proficiency level expected when the goal is performed. It is not guidance, it is inviolate. Performance standards are specified in terms of accuracy, speed, sequencing, quality of performance, adherence to procedural guidelines, etc.

Prerequisite. Provides a listing of academic training or other T&R events which must be completed prior to satisfying the goal.

Reference. Listing of doctrinal or reference publications which may assist the trainee in satisfying the performance standards, or the trainer in evaluating the effectiveness of task completion.



External Support Requirement. A listing or description of the external support requirements which may be required to satisfy completion of the goal. May include range requirements, support aircraft, targets, training devices, or other personnel and equipment.

NOTES: 1/ Events are coded per Appendix B of T&R Manual Vol 1.

2/ Projected Event Duration is furnished as a planning tool.

3/ Denotes the applicable Program of Instruction (Basic POI is understood).

4/ An "E" indicates an Evaluated event.

5/ The equipment or activity subcategory is listed.

6/ Condition Code: **L** = live Training; **S** = simulator training; **L/S** = live preferred/simulator optional; **S/L** = simulator preferred/live optional; **N** = Night; **NS** = Night Vision Device; where contained within ( ) denotes optional conditions.

#### 232. COMBAT CAPABLE TRAINING

1. Combat Capable Stage. All Combat Capable training (100 series) will be accomplished by completing the Combat Qualification Syllabus of each Marine's primary MOS.

#### 233. Combat Ready Training

##### 1. System Training

a. Purpose. To develop the skills required to maintain proficiency in operating Tactical Air Command Center equipment.

b. General. Contains the tactical and technical information necessary to maintain system proficiency.

c. Prerequisite. None.

d. Live Training (5 Events)

<u>SYS-200</u>	<u>R</u>	<u>TACC</u>	<u>L</u>
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Goal. Operate communications equipment.

Requirement. Demonstrate the use of tactical communications equipment and the use of appropriate code words and communications brevity terms.

Performance Standards. Properly utilize the available communications suite:

- (1) Internal communications (ICS).
- (2) Radio nets.
- (3) Switchboard nets and secure phones.
- (4) Demonstrate mastery of proper authentication procedures.
- (5) Utilization of proper radio transmission procedures in both secure and clear modes.
- (6) Successfully complete 80% of the above listed standards.

References. TACC TM's.

Prerequisites. Academics: A-14, A-18, A-19.

External Syllabus Support. External agencies.

<u>SYS-201</u>	<u>R</u>	<u>TACC</u>	<u>L</u>
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Goal. Setup a TACC for operations.

Requirement. With SL3 tools in garrison or deployed.

Performance Standards. Properly set up a Current/Future Operations Section.

- (1) Unpack and set up work stations.
- (2) Install LSDs/Plotting Boards.
- (3) Create and install Status Boards.
- (4) Erect tactical shelters, as required.
- (5) Successfully complete 80% of the above listed standards.

References. TACC Handbook, local SOPs, TACC TM's.

Prerequisite. None.

External Syllabus Support. None.

<u>SYS-202</u>	<u>R</u>	<u>TACC</u>	<u>L/S</u>
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Goal. Conduct TACC operations in an NBC environment.

Requirement. Operate in a simulated NBC environment using MOPP equipment.

Performance Standards. Perform crew requirements while in MOPP level 4.

References. NBC SOPs.

Prerequisites. NBCD training and MOPP level exchange.

External Syllabus Support. None.

SYS-203                      R                      TACC                      L/S

Goal.   Setup/Operate the IOW system.

Requirement. Create, edit, and delete overlay and track information in IOW.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Setup IOW and connect to the network.
- (2) Properly load maps into the IOW workstation.
- (3) Properly connect IOW workstation to gateway.
- (4) Properly create overlays.
- (5) Properly import/export overlays to/from UB Host.
- (6) Properly transmit an overlay.
- (7) Successfully complete 80% of the above listed standards.

References. TSC-125-97-U, IOS Student Guide.

Prerequisites. Academics: T-10, T-29, T-51.

External Syllabus Support. None.

SYS-204                      R                      TACC                      L/S

Goal.   Setup/Operate TBMCS.

Requirement. Setup/operate TBMCS in Current Operations applications of TBMCS.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Setup TBMCS for Operation.
- (2) Properly login/logout of the TBMCS workstation.
- (3) Properly manipulate the Common Operating Environment.
- (4) Properly demonstrate proficiency in:
  - (a) EM Replanner
  - (b) EM Reports
  - (c) EMC
  - (d) ATO/ACO Tool
  - (e) TK Talk
  - (f) E Mail
  - (g) User Alerts
  - (h) CAST/WARP
  - (i) Chat Utility
- (5) Successfully complete 80% of the above listed standards.

References. TBMCS, C2WS CBT.

Prerequisites. Academics: A-15, T-10, T-18, T-29.

External Syllabus Support. None.

SYS-205	2.0	R	TACC	L/S
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Goal. Setup/Operate AFATDS.

Requirement. Setup AFATDS for operation.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Setup AFATDS for Operation.
- (2) Demonstrate the ability to interoperate with TBMCS in all six functional areas.
- (3) Demonstrate proper nomenclature of all system components.
- (4) Demonstrate the ability to create fire support coordination measure overlays.
- (5) Demonstrate the ability to receive and respond to Joint Tactical Air Requests (JTARS) and Air Support Requests (ASR).
- (6) Demonstrate the ability to pass overlays and requests to outlying MAGTF agencies.
- (7) Demonstrate an understanding of connectivity requirements for AFATDS operations.
- (8) Demonstrate the ability to create, modify, and delete unit position tracks.
- (9) Successfully complete 80% of the above listed standards.

Prerequisite. T-57.

Reference. AFATDS TM.

External Support Requirement. TBMCS, DASC, GCE component agencies.

SYS-206	2.0	T, R	TACC	L/S
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Goal. Setup/Operate Multiple Source Correlation System.

Requirement. Demonstrate the ability to operate MSCS.

Performance Standards. Demonstrate the ability to:

- (1) Setup MSCS.
- (2) Login to MSCS.
- (3) Create/display/manipulate zones, overlays, and tracks.
- (4) Edit Track Data display.
- (5) Modify display defaults.
- (6) Display Data Link/filter status.
- (7) Modify display using system/status commands.

(8) Successfully complete 80% of the above listed standards.

Prerequisite. T-33.

Reference. MSCS Operator Reference Guide.

External Support Requirement. None

SYS-207	4.0	T, R	TACC	L
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Goal. Configure National Systems Information.

Requirement. Configure the IBR display to depict desired National Systems data.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Configure geographic, ELNOT based, and combined filtering scheme for TIBS, TDDS, and TADIXS-B data.
- (2) Interpret location fidelity, time latency, and implications to operations of displayed ELINT information.
- (3) Successfully complete 80% of the above listed standards.

References. TIBS/TDDS Broadcast Users Guide.

Prerequisites. Academics: T-08, SYS-206.

External Syllabus Support. Integrated Broadcast Receiver and Intelligence Broadcast Services.

SYS-208	4.0	R	TACC	L
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Goal. Setup/Operate IOS.

Requirement. Configure the IOS for operations.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Setup IOS and connect to the network.
- (2) Properly load maps into the IOS workstation.
- (3) Properly create overlays.
- (4) Properly transmit an overlay.
- (5) Configure the TBMD display
- (6) Establish the TDBM filtering scheme
- (7) Successfully complete 80% of the above listed standards.

Reference. None.

Prerequisites. Academics: T-51

External Support Requirement. None.

## 2. Plotter (PLTR) Training

a. Purpose. To refine the TACCEO's skills required for the PLTR qualification and to provide the means for a designated PLTR to remain current.

### b. General

#### (1) Administrative Notes

(a) Perform all functions required for PLTR qualification, and gain proficiency and maintain currency on TACC systems training.

(b) During each PLTR event the TACCEO must demonstrate proficiency in passing/receiving information, maintaining situational awareness (S/A) and plotting information, using the appropriate report formats, making appropriate entries required for IOW/AFATDS operations and functioning as a member of the Current Operations Section.

(c) At least one IOW/AFATDS performance event will be conducted during an exercise.

(d) Combat Ready and Combat Qualification training can be conducted concurrently.

#### (2) Prerequisite. A IOW/AFATDS Operator's course of instruction.

(3) Refresher Training. Refresher training is required once a combat qualified TACCEO has been absent from a TACCEO billet for 16 months or longer. Upon return to an appropriate billet the TACCEO will complete the "R" coded events in the 200 level syllabus.

c. Crew Requirements. A core competent, task organized TACC crew is required for exercise events.

d. Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited for follow on training events.

### e. Live and Simulator Event Training (6 Events)

<u>PLTR-210</u>	<u>R</u>	<u>TACC</u>	<u>L</u>
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Goal. Perform IOW Operator functions.

Requirement. Perform as a PLTR during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Utilize chart menu options for display management purposes.
- (2) Utilize map menu options for display management purposes.
- (3) Create, edit, update and delete track/unit information, communications tables, and filters.
- (4) Create and utilize overlay functions.
- (5) Perform track grouping functions.
- (6) Send and receive OpNotes/Operator messages.
- (7) Successfully complete 80% of the above listed standards.

Reference. TSC-125-97-U.

Prerequisites.

- (1) SYS-203.
- (2) Academics: T-51, T-60.

External Syllabus Support. None.

PLTR-211	R	TACC	L/S
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Goal. Perform AFATDS Operator functions.

Requirement. Perform as a PLTR during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Integrate AFATDS into the CTP network.
- (2) Demonstrate the ability to interoperate with TBMCS in all six functional areas.
- (3) Create/edit/delete fire support coordination measure overlays.
- (4) Receive and respond to Joint Tactical Air Requests (JTARS) and Air Support Requests (ASR).
- (5) Pass overlays and requests to outlying MAGTF agencies.
- (6) Demonstrate the ability to create, modify, and delete unit position tracks.
- (7) Successfully complete 80% of the above listed standards.

Reference. TSC-125-97-U.

Prerequisites

- (1) SYS-205.
- (2) Academics: T-05, T-31, T-57.

External Syllabus Support. None.

PLTR-212	R	TACC	S/L
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Goal. Create manual plotting displays.

Requirement. Construct manual or automated plotting display.

Performance Standards.

- (1) Demonstrate proficiency creating a Cartesian Grid display.
- (2) Demonstrate proficiency creating a Polar Grid display.
- (3) Demonstrate proficiency creating a GEOREF display.
- (4) Demonstrate proficiency creating a UTM Grid display.
- (5) Demonstrate proficiency creating a Zone Defense Grid display.
- (6) Demonstrate understanding of Lat/Long plotting procedures.
- (7) Identify and correctly plot the Known Reference Point (KRP).
- (8) Successfully complete 80% of the above listed standards.

References. MCWP 3.25/.1/.2/.3/.7/.9/.10, MAWTS-1.

Prerequisites. Academics: A-17, T-14, T-32, T-35.

External Syllabus Support. None.

<u>PLTR-213</u>	<u>R</u>	<u>TACC</u>	<u>S/L</u>
<u>Goal.</u> Conduct manual plotting.			

Requirement. Receive manual crosstell during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Understanding of common warfighting symbology.
- (2) Understanding of Manual Crosstell priorities.
- (3) Using the established/published crosstell format to pass/receive track information on the appropriate net(s).
- (4) Post and maintain non-real time (NRT) tracks based on information received from external agencies.
- (5) Updating all ACM/FSCM/ADCMs in effect.
- (6) Updating friendly and enemy positions on situation maps.
- (7) Successfully complete 80% of the above listed standards.

References. MCWP 3.25, 3.25.10, NWP-32.

Prerequisite. PLTR-212.

External Syllabus Support. External C3 agencies.

<u>QUAL-280</u>	<u>R E</u>	<u>TACC</u>	<u>L/S</u>
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Goal. Qualify the TACCEO as a PLTR.

Requirement. Perform as a PLTR during as exercise.

Performance Standards.



- (1) Demonstrate proficiency in all the requirements identified in PLTR-210, 211, 212, and 213.
- (2) Successfully complete 80% of the above listed standards.

References. MCWP 3.25, 3.25.10.

Prerequisites. PLTR-210, 211, 212, 213.

External Syllabus. External C3 agencies.

### 3. Recorder (RCDR) Operator Training

a. Purpose. To refine the TACCEO's skills required for designation as a RCDR and provide a means for the designated Recorder/TBMCS Operator to remain current.

b. General

(1) Administrative Notes

(a) Perform all functions for RCDR.

(b) The TACCEO must demonstrate proficiency in recording aircraft status information, maintaining Situational Awareness, utilization of proper report formats, communication procedures, and functioning as a member of the Current Operations Section.

(c) At least one live and one simulated RCDR performance event will be conducted during an exercise.

(d) Combat Ready and Combat Qualification training can be conducted concurrently.

(2) Prerequisite. Completion of the Combat Capable stage of training.

(3) Refresher Training. Refresher training is required once a combat qualified TACCEO has been absent from a TACCEO billet for 16 months or longer. Upon return to an appropriate billet the TACCEO will complete the "R" coded events in the 200 level syllabus.

c. Crew Requirements. A core competent, task-organized TACC crew is required for the evaluated events.

d. Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited for follow on training events.

e. Live and Simulator Event Training (4 Events)

<u>RCDR-220</u>	<u>R</u>	<u>TACC</u>	<u>S</u>
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Goal. Perform as a Recorder/TBMCS Operator.

Requirement. Perform as a Recorder during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Maintain and update the status of ATO missions.
- (2) Receive and forward reports (i.e., engagement reports, bomb hit assessments, JTARs, ASRs, etc.) using the established formats.
- (3) Utilization of appropriate TBMCs applications to update, modify and add an ATO mission.
- (4) Utilization of TBMCs as a communications and word processing platform.
- (5) Utilization of TBMCs to produce required ATO related reports.
- (6) Maintain appropriate logs.
- (7) Assist the Coordinator as required in C2 management functions.
- (8) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, CCS-TRBM-A017 TBMCs SUM.

Prerequisites

- (1) SYS-204.
- (2) Academics: A-09, B-07, T-18, T-43, T-50, T-54.

External Syllabus Support. External C3 agencies.

<u>RCDR-221</u>	<u>R</u>	<u>TACC</u>	<u>L/S</u>
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Goal. Perform as an ADR.

Requirement. Perform as a RCDR in the Air Defense Cell during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) All requirements identified in RCDR-220.
- (2) Successfully complete 80% of the above listed standards.

Reference. MCWP 3-25.

Prerequisites.

- (1) RCDR-220, SYS-200, SYS-206, SYS-207
- (2) Academics: A-02, A-03, A-08, A-14, A-16, A-19, B-04, B-08, B-10, B-11, B-19, C-03, C-04, T-01, T-03, T-04, T-14, T-15, T-23, T-25, T-26, T-28, T-32, T-44, T-63.

External Syllabus Support. External C3 agencies.

RCDR-222                      R                      TACC                      L/S

Goal. Perform as a Close/Deep Battle Recorder (CBR/DBR)

Requirement. Perform as a RCDR in the Close/Deep Battle Cell during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) All requirements identified in RCDR-220.
- (2) Successfully complete 80% of the above listed standards.

Reference. MCWP 3-25.

Prerequisites.

- (1) RCDR-220, SYS-200, SYS-206, SYS-207
- (2) Academics: A-01, A-02, A-04, A-05, A-14, A-16, A-19, B-09 - B-11, B-16, C-02, T-05, T-07, T-14, T-15, T-17, T-28, T-31, T-39, T-40, T-44, T-56, T-58.

External Syllabus Support. External C3 agencies.

QUAL-281                      R E                      TACC                      L/S

Goal. Qualify the TACCEO as a RCDR.

Requirement. Perform as a RCDR during an exercise.

Performance Standards.

- (1) Demonstrate proficiency in all the requirements identified in RCDR-220.
- (2) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series.

Prerequisites. RCDR-221, RCDR-222.

External Syllabus Support. External C3 agencies.

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#### 4. Combat Ready Designations

a. Purpose. To designate the TACCEO as a Plotter (PLTR)/Recorder (RCDR).

b. General

- (1) Administrative Notes

(a) A TACCEO will be considered for designation upon completion of all events contained within the three phases of training (academic, performance, and evaluation).

(b) A review of the MPR will be conducted and the Plotter/Recorder will be certified by a designated SAC and a recommendation for designation will be staffed to the MAW commander's designated representative.

(c) The TACCEO shall have a designation letter awarded, with any waivers deferments or endorsements, and will be filed in the MACCS Performance Record.

(2) Prerequisites

(a) Completion of the Combat Capable stage of training.

(b) Completion of the MACCS Academic COI (200 level), as well as performance and qualification events.

c. Crew Requirements. None.

d. Academic Training. TACC specific academic training is designed to support live/simulated training events and is accomplished as a prerequisite to individual performance events.

e. Designation Events (2 Events)

DESG-290 TACC

Goal. Designate the TACCEO as a PLTR.

Requirement. None.

Performance Standards. None.

Prerequisite. QUAL-280.

DESG-291 TACC

Goal. Designate the TACCEO as a RCDR.

Requirement. None.

Performance Standards. None.

Prerequisite. QUAL-281.

234. COMBAT QUALIFICATION TRAINING

1. Track Data Coordinator Training

a. Purpose. To refine the TACCEO'S skills required for the Track Data Coordinator (TDC) qualification and to provide a means for a TACCEO to remain current.

b. General

(1) Administrative Notes

(a) Perform all functions for TDC qualification.

(b) During each period, the TACCEO must demonstrate proficiency in track data management and maintenance of the single integrated air picture and to function as a key member of the TACC crew supporting the Command Section.

(c) At least one live TDC performance event will be conducted with a full TACC crew during an exercise.

(2) Prerequisites. Completion of the Combat Capable stage of training.

c. Crew Requirements. A core competent, task-organized TACC crew will be required for the evaluated events.

d. Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited for follow on training events.

e. Live and Simulator Event Training (6 Events)

TDC-300	R	TACC	L/S
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Goal. Perform TDC functions.

Requirement. Perform as a TDC with a serial link (TADIL-B, NATO Link-1) during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Enter required DB entries.
- (2) Activate, determine the status of, and troubleshoot each link as applicable.
- (3) Perform order functions associated with the appropriate link.
- (4) Perform track management functions.
- (5) Successfully complete 80% of the above listed standards.

References. JTAO Handbook, CJCSM6120.01B.

Prerequisites.

- (1) SYS-200, SYS-206, SYS-207

- (2) Academics: A-01 - A-03, A-08, A-14, A-16 - A-19, B-07, B-08, B-10, B-13 - B-15, B-22, C-02 - C-04, C-06, T-08, T-10, T-14 - T-16, T-19 - T-22, T-24, T-26 - T-28, T-30, T-32, T-39, T-42 - T-45, T-47 - T-49, T-52 - T-54, T-60.

External Syllabus Support. External TADIL agencies.

<u>TDC-301</u>	<u>R</u>	<u>TACC</u>	<u>L/S</u>
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Goal. Perform TDC functions.

Requirement. Perform as a TDC in a live netted data link (TADIL-A/Link 11) during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Enter required DB entries.
- (2) Activate, determine the status of, and trouble shoot the link as applicable.
- (3) Operate in the following modes:
  - (a) Radio Silent
  - (b) Net Control Station (NCS)
  - (c) Picket
- (4) Perform track management functions IAW ICO's direction.
- (5) Perform track data coordination responsibilities over designated voice nets.
- (6) Successfully complete 80% of the above listed standards.

References. JTAO Handbook, Understanding Link-11, CJCSM 6120.01B.

Prerequisites

- (1) SYS-200, SYS-206, SYS-207
- (2) Academics: A-01 - A-03, A-08, A-14, A-16 - A-19, B-07, B-08, B-10, B-13 - B-15, B-22, C-02 - C-04, C-06, T-08, T-10, T-14 - T-16, T-19 - T-22, T-24, T-26 - T-28, T-30, T-32, T-39, T-42 - T-45, T-47 - T-49, T-52 - T-54, T-60.

External Syllabus Support. External TADIL agencies.

<u>TDC-302</u>	<u>R</u>	<u>TACC</u>	<u>L/S</u>
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Goal. Perform TDC functions.

Requirement. Perform as a TDC in a nodeless link environment (TADIL-J/Link-16) during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Achieve network synchronization, enter TADIL-J/Link-16 net, determine the status of, and trouble shoot the link as applicable.
- (2) Conduct passive operations utilizing passive synchronization.
- (3) Perform TADIL-J/Link-16 operations in a multiple net/stacked net evolution.
- (4) Establish TACC TADIL-J/Link-16 as Network Time Reference (NTR).
- (5) Establish proper Interference Protection Feature (IPF), establish Normal (200 watts), Exercise Override (1000 watts), or Combat Override IPF as required.
- (6) Extract correct data from Network Design Load (NDL) and enter into DB.
- (7) Extract correct Network Participation Group (NPG) from the OPTASKLINK and NDL for entry into the DB.
- (8) Enter appropriate data filters as listed in OPTASKLINK.
- (9) Establish TADIL-J using JRE protocol
- (10) Successfully complete 80% of the above listed standards.

References. JTAO Handbook, Understanding Link-16, CJCSM 6120.01B.

Prerequisites

- (1) SYS-200, SYS-206, SYS-207
- (2) Academics: A-01 - A-03, A-08, A-14, A-16 - A-19, B-07, B-08, B-10, B-13 - B-15, B-22, C-02 - C-04, C-06, T-08, T-10, T-14 - T-16, T-19 - T-22, T-24, T-26 - T-28, T-30, T-32, T-39, T-42 - T-45, T-47 - T-49, T-52 - T-54, T-60.

External Syllabus Support. External TADIL agencies.

TDC-303	R E	TACC	L/S
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Goal. Perform as a TDC.

Requirement. Perform as a TDC in a multi-TADIL environment.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Brief the link critical information during the TACC crew brief.
- (2) Ensure data link DB entries are entered and correct.
- (3) Ensure TACC data link equipment is set up/keyed.
- (4) Ensure required DL filters are entered and activated.
- (5) Perform link trouble shooting and take corrective action as required.
- (6) Perform/supervise manual crosstell procedures.
- (7) Integrate Tactical Command System (CTT3) data into the TADIL display.
- (8) Perform track management functions IAW the ICO's direction.
- (9) Successfully complete 80% of the above listed standards.

References. JTAO Handbook, Understanding Link-11, Understanding Link-16, CJCSM 6120.01B.

Prerequisite. TDC-300, TDC-301, TDC-302.

External Syllabus Support. External TADIL agencies, Intelligence Broadcast Services.

QUAL-380      R E                      TACC                      L/S

Goal. Qualify the TACCEO as a TDC.

Requirement. Perform as a TDC in a multi-TADIL environment during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Brief the system configuration portion of the TACC crew brief.
- (2) All requirements identified in TDC-303.
- (3) Successfully complete 80% of the above listed standards.

References. JTAO Handbook, Understanding Link-11, Understanding Link-16, CJCSM 6120.01B.

Prerequisite. TDC-303.

External Syllabus Support. External TADIL agencies.

## 2. Air Defense Coordinator Training

a. Purpose. To refine the TACCEO's skills required for introduction as an Air Defense Coordinator (ADC).

### b. General

#### (1) Administrative Notes

(a) Perform basic ADC functions.

(b) During designated events, the TACCEO must demonstrate proficiency in coordinating air defense assets within the assigned sector of operations, maintaining situational awareness, utilization of proper report formats, communication procedures, and functioning as a member of the Current Operations Section.

(c) The event may be live or simulated and must be conducted during an exercise.

(2) Prerequisite. Completion of Combat Ready stage of training.

(3) Refresher Training. N/A



c. Crew Requirements. A core competent, task-organized TACC crew is required.

d. Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited for follow on training events.

e. Live and Simulator Event Training (1 Event)

ADC-310	R	TACC	S/L
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Goal. Perform as an ADC.

Requirement. Perform as an ADC during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Conduct the air defense portion of the TACC crew brief.
- (2) Monitor, supervise and coordinate the control of aircraft and missiles for air defense by subordinate/adjacent C3 agencies.
- (3) Coordinate the air defense operations of subordinate and external agencies, as directed.
- (4) Initiate orders to air defense agencies and countermand subordinate agency actions, as required.
- (5) Monitor the equipment status and operational posture of C3 agencies relative to air defense, as required.
- (6) Coordinate the establishment and dissemination of air defense warning conditions/weapons control status/states of alert.
- (7) Coordinate with the SADC/RADC/AADC concerning the execution of air defense missions.
- (8) Exercise authority, as may be delegated by the ACE commander, SWO, and SAC, to:
  - (a) Cancel missions and launches of preplanned missions in cases where requirements no longer exist.
  - (b) Divert preplanned missions and provide mission briefings.
  - (c) Adjust scheduled launch times to meet new time-on-station requirements generated by changing tactical situations.
  - (d) Direct launches of unscheduled missions and provide mission briefings.
  - (e) Coordinate the scramble and reconstitution of on-call (strip alert) missions.
- (9) Ensure that information is kept current and that the SAC is updated concerning the air defense situation.
- (10) Coordinate:
  - (a) The modification of ADCMs, as required.

- (b) Changes to sectors of responsibility, as required.
- (c) Changes to established ROE, as required.
- (d) Changes to EMCON/RADCON status, as required.
- (e) The flow of air defense information/reports.

- (11) Ensure that established cross-tell procedures are utilized by the air defense section, as required.
- (12) Maintain appropriate logs.
- (13) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, Joint Pubs 3-01.4 and 3-01.5.

Prerequisites.

- (1) Completion of Combat Ready stage of training.
- (2) Academics: B-01 - B-03, B-07, B-12, B-14, B-18, C-05 - C-06, T-07 - T-11, T-13, T-16, T-21, T-30, T-34, T-38, T-42 - T-43, T-50, T-58, T-60, T-66.

External Syllabus Support. External C3/AD agencies.

### 3. Close Battle Coordinator Training

a. Purpose. To refine the TACC EO's skills required for introduction as a Close Battle Coordinator (CBC).

#### b. General

##### (1) Administrative Notes

(a) Perform basic CBC functions.

(b) The TACC EO must demonstrate proficiency in monitoring and assessing the effectiveness of close air and assault support missions in support of the MAGTF close battle and functioning as a member of the Current Operations Section.

(2) Prerequisite. Combat Ready stage of training complete.

(3) Refresher Training. N/A

c. Crew Requirements. A core competent, task-organized TACC crew is required.

d. Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited for follow on training events.

#### e. Live and Simulator Event Training (1 Event)

CBC-320	R	TACC	L/S
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Goal. Perform as a CBC.

Requirement. Perform as a CBC during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Conduct the Close Battle Cell portion of the TACC crew brief.
- (2) Acquire and maintain current information concerning the status and operations of air missions supporting the MAGTF close battle.
- (3) Advise the SWO/SAC concerning employment of air assets supporting the MAGTF close battle.
- (4) Coordinate the synchronization of air operations in support of the MAGTF close battle within the current-day ATO cycle.
- (5) Maintain communications with the DASC, MAGTF air officer, the MAGTF fire support coordinator, or other agencies, as required.
- (6) Coordinate with the DASC for receipt of immediate JTAR/ASR/CASEVAC information.
- (7) Recommend courses of action to support JTARs/ASRs/CASEVACs to the SAC/SWO based upon asset availability.
- (8) Exercise authority, as may be delegated by the ACE commander, SWO, and SAC, to:
  - (a) Cancel missions and launches of preplanned missions in cases where requirements no longer exist.
  - (b) Divert preplanned missions and provide mission briefings.
  - (c) Adjust scheduled launch times to meet new time-on-station requirements generated by changing tactical situations.
  - (d) Direct launches of unscheduled missions and provide mission briefings.
  - (e) Coordinate the scramble and reconstitution of on-call (strip alert) missions.
- (9) Ensure that information is kept current and that the SAC is updated concerning the close battle situation.
- (10) Coordinate the modification of ACMS/FSCMs, as required.
- (11) Coordinate with the intelligence watch section for current/projected enemy capabilities, critical vulnerabilities, and potential enemy courses of action.
- (12) Coordinate with the ground watch section for current/projected ground scheme of maneuver/fire support plan and ground boundaries/fire support coordination measures.
- (13) Supervise the conduct of the Close Battle Cell.
- (14) Monitor the equipment status and operational posture of C3 agencies relative to the close battle, as required.
- (15) Maintain appropriate logs.
- (16) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, MCWP 3-23.1, MCRP 3-16.8B, local SOPs.

Prerequisites.

- (1) Combat Ready stage of training complete.
- (2) Academics: B-1 - B-07, B-17, B-18, B-20, B-21, B-23 - B-25, T-08 - T-09, T-16, T-22, T-34, T-38, T-41 - T-43, T-50, T-55, T-61, T-62, T-64, T-65.

External Syllabus Support. External C3 agencies.

#### 4. Combat Qualified Designations

a. Purpose. To designate the TACCEO as a Track Data Coordinator.

b. General

(1) Administrative Notes

(a) A TACCEO will be considered for designation upon completion of all events contained within the three phases of training (academic, performance, and evaluation).

(b) A review of the MPR will be conducted and the TACCEO will be certified by a designated SAC and a recommendation for designation will be staffed to the MAW Commander's designated representative.

(c) The TACCEO shall have a designation letter, with any waivers deferments or endorsements, and will be filed in their MACCS Performance Record.

(2) Prerequisites

(a) Completion of the Combat Ready stage of training.

(b) Completion of designated MACCS Academic COI, as well as performance and qualification events.

(C) QUAL-380

c. Crew Requirements. None.

d. Academic Training. None.

e. Designation Events (1 Event)

DESG-390 TACC

Goal. Designate the TACCEO as a TDC.

Requirement. None.

Performance Standards. None.

Reference. None.

Prerequisite. QUAL-380.

235. FULL COMBAT QUALIFICATION TRAINING

1. Air Defense Coordinator Training

a. Purpose. To refine the TACCEO's skills required for designation as an Air Defense Coordinator (ADC) and provide a means for the designated ADC to remain current.

b. General

(1) Administrative Notes

(a) Perform all functions for ADC qualification.

(b) During designated events, the TACCEO must demonstrate proficiency in coordinating air defense assets within the assigned sector of operations, maintaining situational awareness, utilization of proper report formats, communication procedures, and functioning as a member of the Current Operations Section.

(c) Performance event will be conducted during an exercise.

(2) Prerequisite. Combat Qualification stage of training complete.

(3) Refresher Training. Refresher training is required once a combat qualified TACCEO has been absent from a TACCEO billet for 16 months or longer. Upon return to an appropriate billet the TACCEO will complete the "R" coded events in the 400 level syllabus.

c. Crew Requirements. A core competent, task-organized TACC crew will be required for the evaluated events.

d. Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited for follow on training events.

e. Live and Simulator Event Training (4 Events)

ADC-400	R	TACC	L
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Goal. Conduct air defense planning.

Requirement. Participate in Air Defense Cell Planning.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Prepare the air defense portion of the TACC crew brief.
- (2) Review applicable planning documents (OPORD, ATO, ACO, ADP, OPTASKAAW, TACOPDAT, intentions message, etc.) and assist in the development of the air defense plan for the assigned area.
- (3) Perform threat analysis for defended assets.
- (4) Review and make recommendations for modification of airspace/air defense control measures, as required.
- (5) Conduct TMD planning, as required.
- (6) Participate in the planning of emissions/radiation control measures.
- (7) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series.

Prerequisites. Completion of Combat Qualified stage of training.

External Syllabus Support. None.

<u>ADC-401</u>	<u>R</u>	<u>TACC</u>	<u>L/S</u>
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Goal. Perform as an ADC.

Requirement. Perform as the ADC during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Demonstrate proficiency in all the requirements identified in ADC-310.
- (2) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, Joint Pubs 3-01.4 and 3-01.5.

Prerequisites. Completion of Combat Qualification stage of training and ADC-400.

External Syllabus Support. External C3/AD agencies.

<u>QUAL-480</u>	<u>R E</u>	<u>TACC</u>	<u>L</u>
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Goal. Qualify the TACC EO as an ADC.

Requirement. Perform as an ADC during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Demonstrate proficiency in all the requirements identified in ADC-400 and 401.
- (2) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, Joint Pubs 3-01.4 and 3-01.5.

Prerequisite. ADC-401.

External Syllabus Support. External C3/AD agencies.

## 2. Close Battle Coordinator Training

a. Purpose. To refine the TACCEO's skills required for the Close Battle Coordinator (CBC) qualification and to provide a means for the TACCEO to remain current.

### b. General

#### (1) Administrative Notes

(a) Perform all functions for CBC qualification.

(b) The TACCEO must demonstrate proficiency in monitoring and assessing the effectiveness of close air and assault support missions in support of the MAGTF close battle and functioning as a member of the Current Operations Section.

(2) Prerequisite. Combat Qualified stage of training complete.

(3) Refresher Training. Refresher training is required once a combat qualified TACCEO has been absent from a TACCEO billet for 16 months or longer. Upon return to an appropriate billet the TACCEO will complete the "R" coded events in the 400 level syllabus.

c. Crew Requirements. A core competent, task-organized TACC crew is required.

d. Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited for follow on training events.

### e. Live and Simulator Event Training (3 Events)

CBC-410	R	TACC	L
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Goal. Close Battle Cell planning.

Requirement. Participate in Close Battle Cell Planning.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Prepare the Close Battle Cell portion of the TACC crew brief.
- (2) Review applicable planning documents (OPORD, ATO, ACO, ACP, PCH, etc.) and assist in the development of the close/rear battle plans for the MAGTF.
- (3) Review and make recommendations for modification of airspace/fire support coordination measures, as required.
- (4) Assist in TMD Strike Operations planning, as required.

- (5) Assist in the planning of emissions control measures, as required.
- (6) Assist in the planning for CASEVAC operations, as required.
- (7) Coordinate with external agencies for information flow requirements.
- (8) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, MCWP 3-23.1, local SOPs.

Prerequisites. Combat Qualified stage of training complete.

External Syllabus Support. None.

<u>CBC-411</u>	<u>R</u>	<u>TACC</u>	<u>L/S</u>
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Goal. Perform as a CBC.

Requirement. Perform as a CBC during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) All standards listed in CBC-320.
- (2) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, MCWP 3-23.1, MCRP 3-16.8B, local SOPs.

Prerequisites. Combat Qualified stage of training complete and CBC-410.

External Syllabus Support. External C3 agencies.

<u>QUAL-481</u>	<u>R E</u>	<u>TACC</u>	<u>L</u>
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Goal. Qualify the TACCEO as a CBC.

Requirement. Perform as a CBC during an exercise.

Performance Standards.

- (1) Demonstrate proficiency in the requirements identified in CBC-411.
- (2) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, MCWP 3-23.1, MCRP 3-16.8B, and Local SOPs.

Prerequisite. CBC-411.

External Syllabus Support. External C3 agencies.

### 3. Crew Chief Training



a. Purpose. To refine the TACCEO'S skills required for the Crew Chief (CC) qualification and to provide a means for a TACCEO to remain current.

b. General

(1) Administrative Notes

(a) Perform all functions for CC qualification.

(b) The TACCEO must demonstrate proficiency in crew management functions, maintenance status of all equipment associated with TACC operations, and assist in functional cell operation as required.

(c) At least one live CC performance event will be conducted with a full TACC crew during an exercise.

(2) Prerequisites. Completion of the Combat Qualified stage of training, QUAL-480, and QUAL-481.

c. Crew Requirements. A core competent, task-organized TACC crew will be required for evaluated events.

d. Academic Training. Academic training will be conducted prior to, and concurrently with, required events. An academic training event, once completed, can be credited for follow on training events.

e. Live and Simulator Event Training (4 Events)

CC-420	R	TACC	L
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Goal. Perform CC functions.

Requirement. Perform CC functions during daily operations.

Performance Standards. Demonstrate proficiency in the accomplishment/supervision of the following:

- (1) System set up and initialization.
- (2) Keying of all crypto.
- (3) Appropriate DBs are loaded.
- (4) Proper handling/procedures of classified materials.
- (5) Provide instruction to crew members, as required.
- (6) Maintenance of all CC/crew logs.
- (7) Assist SAC in integration of crew operations.
- (8) Assist in network establishment for CTP.
- (9) Successfully complete 80% of the above listed standards.

References. MCWP 3-25.4, local SOPs, TACC TMs.

Prerequisites. QUAL-480 and QUAL-481.

(2) Academics: C-01, C-05, T-12, T-16, T-34, T-55, T-61, T-64.

External Syllabus Support. External C3 agencies.

CC-421	R	TACC	L
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Goal. Prepare the TACC for embarkation and set-up.

Requirement. Assist in deployment and establishment of the TACC.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Proper pack up of the TACC and all associated equipment.
- (2) Staging and loading of equipment pallets.
- (3) Off loading and placement of equipment pallets.
- (4) Unpacking and set up of TACC equipment.
- (5) Assist in TACC site selection.
- (6) Coordinate power distribution planning for the TACC.
- (7) Coordinate logistical support requirements
- (8) Assist in TACC/MWCS integration plan.
- (9) Coordinate establishment of the TACC TDN.
- (10) Assist in the planning for TACC physical security requirements.
- (11) Successfully complete 80% of the above listed standards.

References. MCWP 3-25.4, local SOPs.

Prerequisite. CC-420.

External Syllabus Support. CIS planners.

CC-422	R	TACC	S/L
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Goal. Perform as a CC.

Requirements. Perform as a CC during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Brief the CC portion of the TACC crew briefing.
- (2) All requirements identified in CC-400.
- (3) Manage the handling of reports generated within the COS.
- (4) Ensure that all status/plotting boards are updated and maintained.
- (5) Monitor current weather status.
- (6) Monitor the control and distribution of classified material within the COS.
- (7) Supervise the proper routing of information within the COS.
- (8) Provide the interface between operations and maintenance for systems fault resolution and prioritization.
- (9) Ensure timely receipt/submission of required reports.

- (10) Maintain CC log, crew rosters, collect and safeguard operational logs/information and T&R documentation at the conclusion of the crew watch.
- (11) Successfully complete 80% of the above listed standards.

Reference. MCWP 3-25.4.

Prerequisites. CC-420, CC-421.

External Syllabus Support. External C3 agencies.

QUAL-482	R	E	TACC	L
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Goal. Qualify the TACCEO as a CC.

Requirement. Perform as a CC during an exercise.

Performance Standards. Demonstrate proficiency in all requirements identified in CC-422.

Reference. MCWP 3-25.4.

Prerequisite. CC-422.

External Syllabus Support. External C3 agencies.

#### 4. Full Combat Qualification Designation

- a. Purpose. To designate the TACCEO as an ADC, CBC, and CC.
- b. General

##### (1) Administrative Notes

(a) A TACCEO will be considered for designation upon completion of all events contained with the three phases of training (academic, performance, and evaluation).

(b) A review of the MPR will be conducted and the TACCEO will be certified by a designated SAC and a recommendation for designation will be staffed to the MAW Commander's designated representative.

(c) The TACCEO shall have a designation letter, with any waivers deferments or endorsements, and will be filed in their MACCS Performance Record.

##### (2) Prerequisite(s)

(a) Completion of the Full Combat Qualification stage of training.

(b) Completion of the MACCS Academic COI (400 level), as well as performance and qualification events.

- c. Crew Requirements. None.

- d. Academic Training. None.
- e. Designation Events (3 Events)

DESG-490 TACC

Goal. Designate the TACC EO as an ADC.

Requirement. None.

Performance Standards. None.

Reference. None.

Prerequisite. QUAL-480.

DESG-491 TACC

Goal. Designate the TACC EO as a CBC.

Requirement. None.

Performance Standard. None.

Reference. None.

Prerequisite. QUAL-481.

DESG-492 TACC

Goal. Designate the TACC EO as a CC.

Requirement. None.

Performance Standards. None.

Reference. None.

Prerequisite. QUAL-482.

236. SPECIAL SKILL QUALIFICATION TRAINING

1. Personnel Recovery Coordinator Training

a. Purpose. To refine the skills required for designation as a Personnel Recovery Coordinator (PRC) and provide a means for the designated PRC to remain current.

b. General

(1) Administrative Notes

(a) Perform all functions for PRC qualification.

(b) The Combat Capable TACCEO must demonstrate proficiency in coordinating personnel recovery missions by completing the PRC training syllabus.

(2) Prerequisite. Completion of the Combat Qualification stage of training and attend the Personnel Recovery 101 course. Personnel Recovery 301 is encouraged, but not required.

(3) Refresher Training. Refresher training is required once a combat qualified TACCEO has been absent from a PRC billet for 24 months or longer. Upon return to an appropriate billet the TACCEO will complete the "R" coded events in the 600 level syllabus.

c. Crew Requirements. A core competent, task-organized TACC crew will be required for the higher-level evaluated events.

d. Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited for follow on training events.

e. Live and Simulator Event Training (3 Events)

PRC-600	R	TACC	L
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Goal. Conduct Personnel Recovery planning.

Requirement. Plan establishment of the component RCC.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Prepare the RCC portion of the TACC crew brief.
- (2) Assist in the development of the JCSARTF/TRAP plan.
- (3) Setup/design the component RCC.
- (4) Assist in the planning for PR communications.
- (5) Assist in the development and preparation of execution checklists, as required.
- (6) Successfully complete 80% of the above listed standards.

References. MCWP-32, MCWP 3-2, MCWP 3-25, MCWP 3-25.2, MCWP 3-25.3, MCWP 3-25.4, FM 100.42, Joint Pub 3-56.1, AGOS Manual, Appropriate Tactics Manual (TACMAN), FMFM 5-1, FMFM 5-4.

Prerequisites

- (1) Combat Qualification stage of training complete.
- (2) Academics: C-01, T-25.
- (3) Personnel Recovery 101

External Syllabus Support. None.

Goal.    Perform as a PRC.

Requirement.    Perform as the PRC during an exercise.

Performance Standards.    Demonstrate proficiency in the following areas:

- (1) Conduct the RCC portion of the TACC crew brief.
- (2) Coordinate with the Joint Search and Rescue Center (JSRC) concerning CSAR aircraft availability and requirement for TRAP assets that exceed ACE platform capabilities/survivability for PR operations.
- (3) Supervise the activation and monitoring of PR communications and execution checklists, as required.
- (4) Draft messages pertaining to MAGTF CSAR/TRAP operations (i.e. Search and Rescue Incident Report (SARIR) and SAR Situation Report (SAR SIT)).
- (5) Notify the SWO of supporting aircraft requirements for CSAR/TRAP operations, the progress of CSAR/TRAP operations, and any situations that restrict or hinder CSAR/TRAP operations.
- (6) Coordinate CSAR/TRAP efforts with units and/or agencies external to the ACE (i.e. JSRC/adjacent RCCs).
- (7) Coordinate CSAR/TRAP efforts with the DASC, provided such efforts transit that battlespace short of the FSCL.
- (8) Ensure that CSAR/TRAP case folders are completed and maintained.
- (9) Monitor and update location/availability of CSAR/TRAP assets.
- (10) Provide feedback to future operations on changes required for subsequent ATOs concerning SAR/TRAP support (i.e. packaging, SPINS, checklists, etc.).
- (11) Successfully complete 80% of the above listed standards.

References.    MCWP-32, MCWP 3-2, MCWP 3-25, MCWP 3-25.2, MCWP 3-25.3, MCWP 3-25.4, FM 100.42, Joint Pub 3-56.1, AGOS Manual, Appropriate Tactics Manual (TACMAN), FMFM 5-1, FMFM 5-4.

Prerequisite.    PRC-600.

External Syllabus Support.    External C3 agencies.

Goal.    Qualify the TACC EO as a PRC.

Requirement.    Perform as the PRC during an exercise.

Performance Standards

- (1) Demonstrate proficiency in all the requirements identified in PRC-600, 601.
- (2) Successfully complete 80% of the above listed standards.

References. MCWP-32, MCWP 3-2, MCWP 3-25, MCWP 3-25.2  
MCWP 3-25.3, MCWP 3-25.4, FM 100.42, Joint Pub 3-56.1,  
AGOS Manual, Appropriate Tactics Manual (TACMAN),  
FMFM 5-1, FMFM 5-4.

Prerequisite. PRC-601.

External Syllabus Support. External C3 agencies.

## 2. Interface Control Officer Training

a. Purpose. To refine the TACCEO's skills required for designation as an Interface Control Officer (ICO) and provide a means for the designated ICO to remain current.

### b. General

#### (1) Administrative Notes

(a) Perform all functions for ICO qualification.

(b) During designated events, the TACCEO must demonstrate proficiency in managing system interfaces, maintaining an accurate situational display, utilization of proper report formats, communication procedures, and functioning as a member of the Current Operations Section.

(2) Prerequisite. Combat Qualification stage of training complete.

(3) Refresher Training. Refresher training is required once a combat qualified TACCEO has been absent from a TACCEO billet for 16 months or longer. Upon return to an appropriate billet the TACCEO will complete the "R" coded events in the 600 level syllabus.

c. Crew Requirements. A core competent, task-organized TACC crew will be required for the higher-level evaluated events.

d. Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited for follow on training events.

### e. Live and Simulator Event Training (4 Events)

ICO-610	R	TACC	L
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Goal. Develop planning documents.

Requirement. Conduct multi-TADIL network planning.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Develop an OPTASKLINK.
- (2) Assist in the development of the surveillance plan/TACOPDAT within the AO.
- (3) Assist in the development of communications interface inputs/requirements, for inclusion in the OPORD (Annex K) or other applicable directives, to include:
  - (a) SCR/MUX/SATCOM requirements.
  - (b) Telephone (secure and non-secure) requirements.
  - (c) Data link interface requirements.
  - (d) TBMCS interface requirements.
- (4) Ensure the availability of all required cryptographic keying material.
- (5) Assist in the development of redundant architectural designs for all interface requirements listed in paragraph (3) above.
- (6) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, CJCSM 6120.01B, CJCSM 3115.01, local SOPs.

Prerequisites

- (1) Completion of Combat Qualification stage of training.
- (2) Academics: T-12, T-25
- (3) Attendance at MAJIC course and JTIDS course are recommended but not required.

External Syllabus Support. None.

ICO-611	R	TACC	S/L
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Goal. Perform as an ICO.

Requirements. Conduct multi-TADIL network management.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Conduct the ICO portion of the TACC crew brief.
- (2) Supervise the TDC performing track management functions.
- (3) Supervise the appropriate use and implementation of manual crosstell procedures.
- (4) Recommend and implement changes to data link configurations and EMCON conditions, as required.
- (5) Monitor the accuracy of datalink presentations.
- (6) Coordinate with the Crew Chief and Maintenance Coordinator to ensure the quality of system interfaces and recommend solutions to identified deficiencies.
- (7) Monitor quality of MAGTF input to the common tactical picture.
- (8) Successfully complete 80% of the above listed standards.



References. MCWP 3-25 series, CJCSM 6120.01A, local SOPs.

Prerequisite. ICO-610.

External Syllabus Support. External TADIL platforms.

<u>ICO-612</u>	<u>R</u>	<u>TACC</u>	<u>L/S</u>
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Goal. Perform as an ICO.

Requirement. Conduct multi-TADIL network management.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) All standards listed in ICO-611.
- (2) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, CJCSM 6120.01B, CJCSM 3115.01, local SOPs.

Prerequisite. ICO-611.

External Syllabus Support. External TADIL platforms.

<u>QUAL-681</u>	<u>R E</u>	<u>TACC</u>	<u>L</u>
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Goal. Qualify the TACCEO as an ICO.

Requirement. Conduct multi-TADIL network management.

Performance Standards

- (1) Demonstrate proficiency in all requirements identified in ICO-612.
- (2) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, CJCSM 6120.01B, CJCSM 3115.01, local SOPs.

Prerequisite. ICO-612.

External Syllabus Support. External TADIL platforms.

### 3. Deep Air Operations Manager Training

a. Purpose. To refine skills required for the DAOM qualification and to provide a means for the DAOM to remain current.

b. General

- (1) Administrative Notes

(a) Perform all functions for DAOM qualification.

(b) The TACCEO must demonstrate proficiency in monitoring and assessing the effectiveness of deep air support missions in support of the MAGTF deep battle, and functioning as a member of the Current Operations Section.

(2) Prerequisite. Completion of Combat Qualification stage of training. QUAL-481.

(3) Refresher Training. Refresher training is required once a combat qualified TACCEO has been absent from a TACCEO billet for 24 months or longer. Upon return to an appropriate billet the TACCEO will complete the "R" coded events in the 600 level syllabus.

c. Crew Requirements. A core competent, task-organized TACC crew will be required for the higher-level evaluated events.

d. Academic Training. Academic training may be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited for follow on training events.

e. Live and Simulator Event Training (4 Events)

DAOM-620	R	TACC	L
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Goal. Conduct Deep Battle Cell planning.

Requirement. Plan for Deep Air Operations in support of a GCE.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) Prepare the Deep Battle Cell portion of the TACC crew brief.
- (2) Review applicable planning documents (OPORD, ATO, ACO, ACP, BSM, RAGM, etc.) and assist in the development of the deep battle plan.
- (3) Review and make recommendations for modification of airspace/fire support coordination measures, as required.
- (4) Assist in TMD Attack Operations planning, as required.
- (5) Plan for integration of joint and combined C4ISR assets.
- (6) Assist in the planning for CSAR/TRAP/CASEVAC operations, as required.
- (7) Coordinate with external agencies for information flow requirements.
- (8) Successfully complete 80% of the above listed standards.

References. MCWP 3-25 series, local SOPs.

Prerequisites

- (1) Completion of Combat Qualification stage of training.  
QUAL-481.
- (2) Academics: C-01, T-12, T-36, T-37.

External Syllabus Support. None.

DAOM-621	R	TACC	S/L
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Goal. Perform as a DAOM.

Requirement. Perform as the DAOM during an exercise.

Performance Standards. Perform duties as DAOM in the following areas:

- (1) Conduct the Deep Battle Cell portion of the TACC crew brief.
- (2) Acquire and maintain current information on the status and operations of air missions in support of the deep battle.
- (3) Advise the SWO/SAC on the employment of air assets in support of the deep battle.
- (4) Coordinate the synchronization of air operations in support of the deep battle within the ATO cycle.
- (5) Maintain communications with the DASC/Deep Air Operations Coordinator, MAGTF air officer, the MAGTF fire support coordinator, AOC/BCD, or other agencies, as required.
- (6) Coordinate with the DASC, and other C3 agencies, for receipt of immediate JTAR/ASR/CASEVAC information.
- (7) Recommend courses of action to support JTAR/ASR/CASEVACs to the SAC/SWO based upon asset availability.
- (8) Make Recommendations to the SWO/COC to:
  - (a) Cancel missions and launches of preplanned missions in cases where requirements no longer exist.
  - (b) Divert preplanned missions and provide mission briefings.
  - (c) Adjust scheduled launch times to meet new time-on-station requirements generated by changing tactical situations.
  - (d) Direct launches of unscheduled missions and provide mission briefings.
  - (e) Coordinate the scramble and reconstitution of on-call (strip alert) missions.
- (9) Ensure that information is kept current and that the SAC is updated concerning the deep battle situation.
- (10) Coordinate the modification of ACMS/FSCMs, as required.
- (11) Coordinate with the intelligence watch section for current/projected enemy capabilities, critical vulnerabilities, and potential enemy courses of action.
- (12) Coordinate with the ground watch section for current/projected ground scheme of maneuver/fire support plan

and ground boundaries/fire support coordination measures.

- (13) Monitor the equipment status and operational posture of C3 agencies relative to the deep battle, as required.
- (14) Review MAGTF/JFC targeting guidance and combat assessment data in order to provide ATO refresh input to planned events at least four hours prior to execution.
- (15) Coordinate with ACI target intelligence section to receive updated targeting and BHA information.
- (16) Receive MISREPS for passage to the intelligence watch section for review and processing.
- (17) Recommend, in conjunction with the ACI target intelligence section, to the SWO dynamic retasking of air assets in response to emergent targets in the deep battle area.
- (18) Provide the SWO the impact on the deep battle of shifting assets during the current ATO.
- (19) Recommend changes to, or identify preplanned ordnance configurations in response to target changes or weather conditions.
- (20) Supervise the conduct of the Deep Battle Cell.
- (21) Maintain appropriate logs.
- (22) Successfully complete 80% of the above listed standards.

References. MCWP-32, MCWP 3-2, MCWP 3-25, MCWP 3-25.2, MCWP 3-25.3, MCWP 3-25.4, FM 100.42, Joint Pub 3-56.1, AGOS Manual, Appropriate Tactics Manual (TACMAN), FMFM 5-1, FMFM 5-4.

Prerequisite. DAOM-620.

External Syllabus Support. External C3 agencies.

DAOM-622                      R                      TACC                      L/S

Goal. Perform as a DAOM.

Requirement. Perform as the DAOM during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) All standards listed in DAOM-621.
- (2) Successfully complete 80% of the above listed standards.

References. MCWP-32, MCWP 3-2, MCWP 3-25, MCWP 3-25.2, MCWP 3-25.3, MCWP 3-25.4, FM 100.42, Joint Pub 3-56.1, AGOS Manual, Appropriate Tactics Manual (TACMAN), FMFM 5-1, FMFM 5-4.

Prerequisite. DAOM-621.

External Syllabus Support. External C3 agencies.

QUAL-682                      R E                      TACC                      L/S

Goal. Qualify the TACCEO as a DAOM.

Requirement. Perform as the DAOM during an exercise.

Performance Standards. Demonstrate proficiency in the following areas:

- (1) All listed DAOM-622 requirements.
- (2) Successfully complete 80% of the above listed standards.

References. MCWP-32, MCWP 3-2, MCWP 3-25, MCWP 3-25.2, MCWP 3-25.3, MCWP 3-25.4, FM 100.42, Joint Pub 3-56.1, AGOS Manual, Appropriate Tactics Manual (TACMAN), FMFM 5-1, FMFM 5-4.

Prerequisite. DAOM-622.

External Syllabus Support. External C3 agencies.

#### 4. Joint Interface Control Officer Training

a. Purpose. To refine the skills required for the Joint Interface Control Officer (JICO) qualification and to provide a means for a JICO to remain current.

b. General

(1) Administrative Notes

(a) Perform all functions for JICO Qualification.

(b) JICO-630 and QUAL-683 may occur simultaneously during the JICO course.

(c) JICO and Regional Interface Control Officer (RICO) within this document may be interchanged based upon the level at which the duties are performed.

(2) Prerequisites. ICO qualification, completion of JTIDS course and the MAJIC course. Network Design course is recommended, but not mandatory.

(3) Refresher Training. Refresher training is required once the JICO has been absent from a JICO/RICO cell billet for 24 months or longer. Upon return to an appropriate billet the JICO/RICO will complete the "R" coded events in the 600 level syllabus.

c. Crew Requirements. A JICO/RICO cell in a multi-TADIL environment.

d. Academic Training. Academic training will be conducted prior to and concurrently with required events. An academic training event, once completed, can be credited for follow on training events.

e. Live and Simulator Event Training (2 Events)

JICO-630	R	TACC	L
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Goal. Perform as a JICO.

Requirement. Successfully complete Multi-TADIL School JICO course.

Performance Standards. Per JICO course POI.

References. CJCSM 3115.01 JDN Operations.

Prerequisites. ICO qualification. Attend JTIDS course and MAJIC course. Attendance at JTIDS Network Design course is recommended, but not required.

External Syllabus Support. JICO course quota.

QUAL-683	R, E	TACC	L
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Goal. Qualify as a JICO.

Requirement. Perform as a member of a JICO/RICO cell.

### Performance Standards.

- (1) Interact with the JICO cell TADIL-A/B Manager.
- (2) Interact with the JICO cell TADIL-J Manager.
- (3) Interact with the Joint TDC.
- (4) Plan and implement the AADC/RADC Multi-TADIL Network (MTN).
- (5) Successfully complete 80% of the above listed standards.

References. CJCSM 3115.01 JDN Operations and CJCSM 6110.01B Joint Multi-TADIL Operating Procedures (JMTOP).

Prerequisites. JICO course completion.

External Syllabus Support. JICO cell and multi-service exercise/operation.

## 5. Special Skills Designations

- a. Purpose. To designate the TACCEO as a Personnel Recovery Coordinator (PRC), Interface Control Officer (ICO), Deep Air Operations Manager (DAOM), and Joint Interface Control Officer (JICO).

b. General

(1) Administrative Notes

(a) A TACCEO will be considered for designation upon completion of all events contained within the three phases of training (academic, performance, and evaluation).

(b) A review of the MPR will be conducted and the TACCEO will be certified by a designated SAC. A recommendation for designation will be staffed to the MAW Commander's designated representative.

(c) The TACCEO designation letter, with any waivers, deferments or endorsements, will be filed in the individual's MACCS Performance Record.

(2) Prerequisites. Completion of the Special Skills Qualification stage of training.

c. Crew Requirements. None.

d. Academic Training. TACC specific academic training is designed to support live/simulated training events and is accomplished as a prerequisite to individual performance events.

e. Designation Events (4 Events)

DESG-690 TACC

Goal. Designate the TACCEO as a PPRC.

Requirement. None.

Performance Standards. None.

References. None.

Prerequisites. QUAL-680.

DESG-691 TACC

Goal. Designate the TACCEO as an ICO.

Requirement. None.

Performance Standards. None.

References. None.

Prerequisites. QUAL-681.

DESG-692 TACC

Goal. Designate the TACCEO as a DAOM.

Requirement. None.

Performance Standards. None.

References. None.

Prerequisites. QUAL-682.

Goal. Designate the TACCEO as a JICO.

Requirements. None.

Performance Standards. None.

References. CJCSM 3115.01 JDN Operations.

Prerequisites. QUAL-683.

External Syllabus Support. None.

240. SPECIAL TRAINING REQUIREMENTS. None.

250. EXPENDABLE ORDNANCE REQUIREMENTS. None.

260. PROFICIENCY INTERVALS. Tables 2-14, 2-15, 2-16, and 2-17 contain the proficiency intervals for the combat readiness, combat qualification, full-combat qualification and special skills training levels.

Table 2-14.--TACCEO Proficiency Interval for the  
Combat Readiness Training Level.

EVENT	CODE	PROFICIENCY INTERVAL	CRP	T	C	R	E	CONDITIONS & REMARKS
SYS	200	24	1			X		L
	201	24	1			X		L
	202	12	1			X		L/S
	203	24	1			X		L/S
	204	24	2			X		L/S
	205	24	1			X		L/S
	206	24	1	X		X		L/S
	207	24	1	X		X		L
	208	24	1			X		L
PLTR	210	24	1			X		L
	211	24	1			X		L/S
	212	24	0.5			X		S/L
	213	24	0.5			X		S/L
RCDR	220	24	2			X		S
	221	24	2			X		L/S
	222	24	2			X		L/S
QUAL	280	36	2			X	X	L/S



EVENT	CODE	PROFICIENCY INTERVAL	CRP	T	C	R	E	CONDITIONS & REMARKS
	281	36	2			X	X	L/S
DESG	290	-	0					
DESG	291	-	0					

Table 2-15.--TACCEO Proficiency Interval for the  
Combat Qualification Training Level.

EVENT	CODE	PROFICIENCY INTERVAL	CRP	T	C	R	E	CONDITIONS & REMARKS
TDC	300	24	2			X		L/S
	301	24	2			X		L/S
	302	24	2.5			X		L/S
	303	24	2.5			X	X	L/S
ADC	310	24	0			X		/S/L
CBC	320	24	0			X		L/S
QUAL	380	36	3			X	X	L/S
DESG	390	-	0					

Table 2-16.--TACCEO Proficiency Interval for the  
Full-Combat Readiness Training Level.

EVENT	CODE	PROFICIENCY INTERVAL	CRP	T	C	R	E	CONDITIONS & REMARKS
ADC	400	24	0.25			X		/L
	401	24	0.25			X		L/S
CBC	410	24	0.25			X		/L
	411	24	0.25			X		L/S
CC	420	24	0.5			X		L
	421	24	0.5			X		L
	422	24	1			X		S/L
QUAL	480	36	0.5			X	X	L
	481	36	0.5			X	X	L
	482	36	1			X	X	L
DESG	490	-	0					
	491	-	0					
	492	-	0					

Table 2-17.--TACCEO Proficiency Interval for the  
Special Skills Training Level.

EVENT	CODE	PROFICIENCY INTERVAL	CRP	T	C	R	E	CONDITIONS & REMARKS
PRC	600	24	0			X		L
	601	24	0			X		S/L
ICO	610	12	0			X		L
	611	12	0			X		S/L
	612	12	0			X		L/S
DAOM	620	24	0			X		L
	621	24	0			X		S/L
	622	24	0			X		L/S
JICO	630	24	0					/L
QUAL	680	36	0			X	X	L/S
	681	36	0			X	X	L/
	682	36	0			X	X	L/S
	683	36	0			X	X	L
DESG	690	-	0					
	691	-	0					
	692	-	0					
	693	-	0					

270. EVENT UPDATE CHAINING. Tables 2-18 and 2-19 contain the event update chaining for the TACCEO.

Table 2-18.--TACCEO Combat Ready and Combat Qualified  
Training Event Update Chaining.

EVENTS	EVENTS UPDATED
200	
201	
202	
203	
204	
205	
206	
207	
208	
210	203
211	205
212	
213	
220	200, 205

EVENTS	EVENTS UPDATED
221	200,204,206
222	200,203,204,205,206,208
280	210,211,212,213,214
281	220,221,222
290	
291	
300	
301	
302	
303	
310	
320	200,204,206
330	200,203,204,205,206,208
380	300,301,302,303
390	

Table 2-19.--TACCEO Full-Combat and Special Skills  
Training Event Update Chaining.

EVENTS	EVENTS UPDATED
400	
401	400,310
410	
411	410,320
420	
421	
422	
480	280,281,310,400
481	280,281,320,410
482	280,281,420,421,422
490	
491	
492	